

# Fitting Instructions For Xpanda Security Gates

---

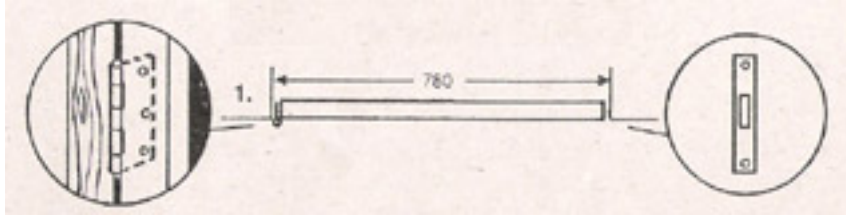
Xpanda Security Gates are supplied with one of the following types of hinges:

- I) Butt hinges, OR
  - II) Multihinges, OR
  - III) Bullet hinges.
- 

## I) Fitting Xpanda Security Gates Supplied With Butt Hinges

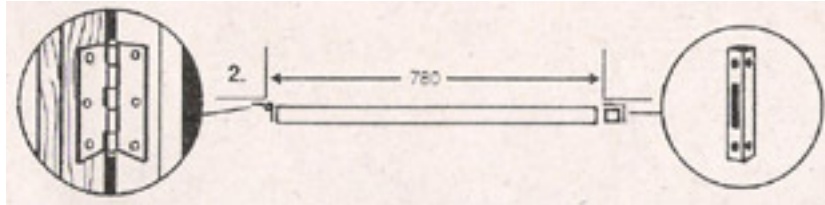
### 1. FITTING INSIDE FRAME USING STRIKER PLATE

Fit hinges using 10mm C/S self tapping screws to gate frame and 30mm C/S screws for fixing hinges to wood or steel door frame. Fit striker plate by drilling or chiseling hole for lock to locate then fit striker plate with 25mm C/S screws.



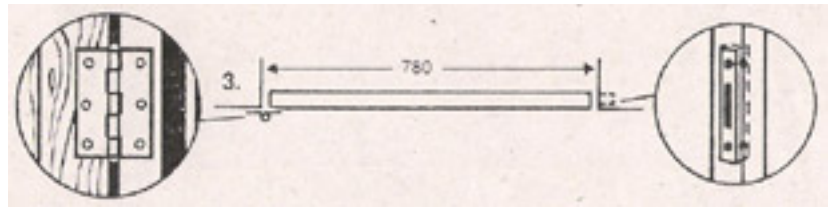
### 2. FITTING ON FACE OF FRAME

Fit hinges using 10mm one-way screws to gate frame and 30mm one-way screws for fixing hinges to wood or steel door frame. Fit lock-keep to door frame with 30mm one-way screws.



### 3. FITTING INSIDE DOOR FRAME USING LOCK KEEP

Fit hinges using 10mm one-way screws to gate frame and 30mm one-way screws for fixing hinges to wood or steel door frame. Fit Lock-keep to door frame with 30mm one-way screws by either face mounting or by counter sinking into frame as shown.



---

## II) Fitting Xpanda Security Gates Supplied With Multihinges

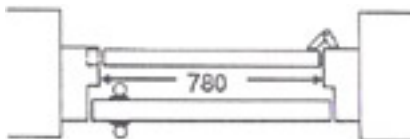
Fitting your security gate is easy with Xpanda's new Multihinge system. Adaptable to wood, steel or masonry, Multihinge allows you total flexibility of hanging options -making it so easy to be safe!

Everything you need to fit your security gate:

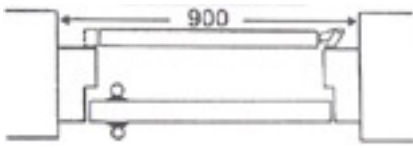
- 4 x 6mm bolts
- 4 x 6mm security nuts
- 4 x washers
- 2 x female hinges
- 2 x male hinges
- 1 x lock keep
- 2 x lock keep extension brackets
- 1 x lock keep cover plate
- 6 x 8mm coach bolts
- 4 x 10mm one-way security screws (for lock keep cover plate)
- 2 x 25mm one way security screws for lock keep.

### 1. DECIDE ON GATE PLACEMENT

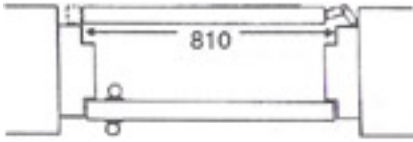
First decide where you want to place your gate and establish whether it will be fixed to wood, steel or masonry. The three diagrams below present the usual options. (You will probably find that the measurable gap is now around 780, 810 or 900mm).



Option 1:  
Gate fitted directly onto door frame +/- 780mm gap.



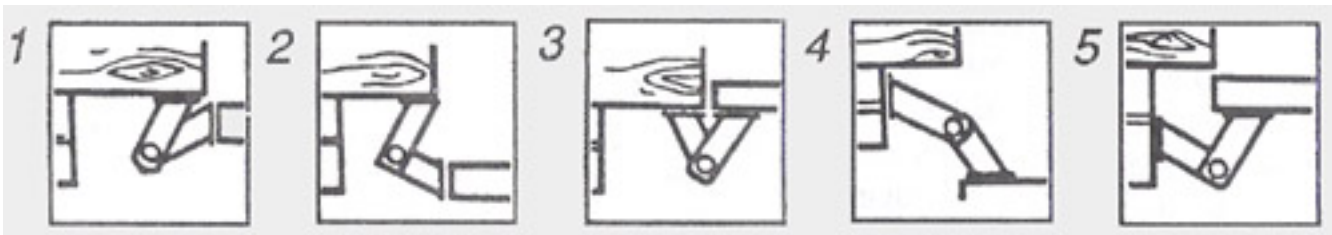
Option 2:  
gate fitted in front of door frame. +/- 900mm gap. (This is often necessary because of existing door knob obstructing gate closure).



Option 3:  
Gate fitted into second gap of double recessed door frames. Gap +/- 810mm. Steel frames.

## 2. DECIDE ON HINGE POSITION

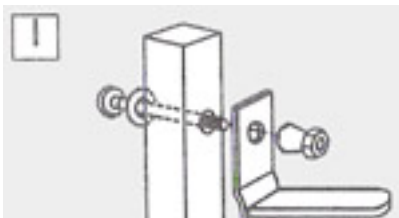
Next examine the hinge positions in the diagrams below and note which arrangement will give you the distance you require for your chosen gate position.



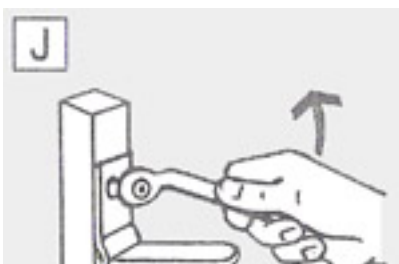
## 3. FIT FEMALE HINGES TO GATE (FIG A)



Mark hinge position on gate as per the hinge arrangement you have chosen. Now mark position of holes to be drilled into gate frame with a centre punch. Drill holes using a 8mm drill bit.



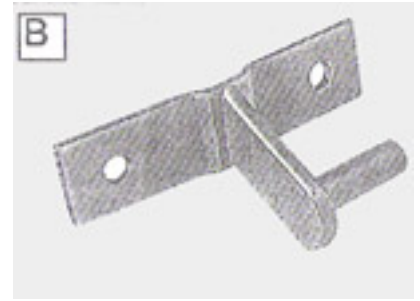
Place the washer supplied into bolt (FIG I). Feed the bolts through the holes in the tubular gate frame. Position female hinges as per the hinge arrangement chosen.



Apply security nuts and tighten using a 10mm ring spanner. Snap off hex head with slight twist of the spanner (FIG J). If difficult to snap off, make a small cut with hacksaw blade below head.

#### 4. NOW FIT THE HINGED GATE TO DOOR FRAME OR WALL

Place gate in correct position, allow space at the bottom to ensure easy opening and wedge gate into position (with a brick or some such underneath). Mark position of male hinges (FIG B) on either the door frame or wall. Remember, it is very important to make sure that one hinge faces up and the other down. Now drill and mount as follows:



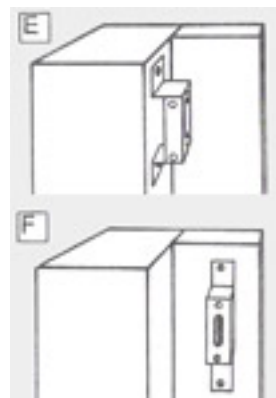
**Timber frame:** If you are fitting your security gate to a wooden door frame, drill a pilot hole using a 6mm drill bit and tighten coach bolt until head of security nut snaps off.

**Steel / masonry:** When fitting to a steel frame, mark position then drill through steel using a steel 10mm drill bit. Then change to a 10mm masonry bit and drill into wall. Insert plastic plug supplied and tighten coach bolt until head of security nut snaps off.

Remember to hang gate before securing second hinge.

#### 5. FITTING LOCK KEEP

Close gate and decide whether or not you will need lock keep extension (FIG C). in order for your lock keep to be correctly aligned with the gate lock. If not, then set extension aside.



**Fitting Instructions For Lock Keep With Extensions:**

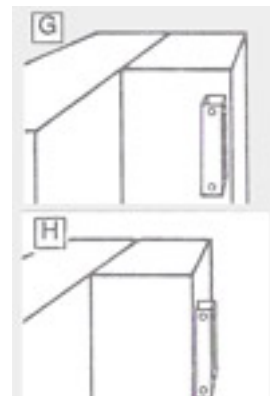
Use extensions where door knob or door bell will clash with your gate as in hinge positions 2 and 4. Extensions slip into lock keep in two positions, either in-line (FIG E), or at right-angles (FIG F).

This enables you to mount the lock keep in either frame or wall so that lock keep is positioned flush with the gate lock. Once you have determined position of extensions, simply follow drilling and mounting instructions for wood, steel and masonry in section 4.

### Fitting Instructions For Lock Keep Without Extensions (FIG G and H):

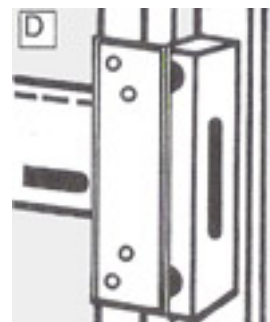
Use when no extension is required as in hinge position 1, 3 and 5. Discard lock keep extensions and mount lock keep directly onto frame using 25mm one-way security screws supplied.

Again, see mounting and drilling instructions for wood or steel in section 4.



### 6. LOCK PLATE (FIG D)

For extra security, fasten lock plate to side of lock keep with special one-way screws provided.



---

## III) Fitting Xpanda Security Gates Supplied With Bullet Hinges

These security gates are designed to be adjustable by their threaded hinges. Opening sizes range from 885mm to 930mm.

