

# Tubular Latch / Deadbolt

## FITTING INSTRUCTIONS

**PLEASE READ INSTRUCTIONS CAREFULLY BEFORE BEGINNING INSTALLATION**

Tools Required:

- Drill
- 25mm (1") Drill bit
- Mallet
- Chisel
- Pozidriv Screwdriver
- Pencil
- Masking Tape

### 1. Preparation to the door:

Position the latch/deadbolt body as near to the mid height of the door as possible (if installed on a fire door, the lock/latch should not be fitted higher than 1100mm from the spindle to the finished floor level of surrounding floors) making sure that the proposed hole avoids cutting through the doorframe joints. Place the Latch/deadbolt against the door edge and mark the top and bottom edges of the body as shown in Fig 1.

### 2. Along the door edge mark a vertical line (Fig 2) centre to the doors thickness, which will be used as a central guide for a hole of 25mm (1") diameter to be drilled to the required depth

NOTE: The required depth is the latch/deadbolt body length + fixed forend + loose face plate. Model dependent, latches have a one piece forend or fixed forend plus loose face plate.

**Helpful Hint: - Mark the "drill-bit" using masking tape or suitable visible marker as shown in Fig 2.**

Fig 1

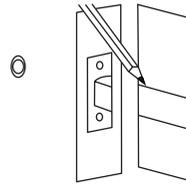
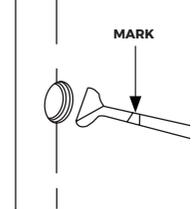
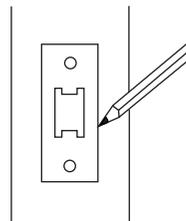


Fig 2



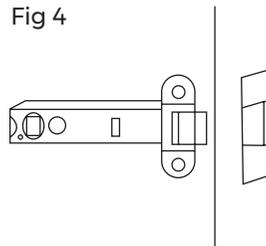
### 3. Insert the latch/deadbolt into the prepared hole, place the loose faceplate over the fixed forend and then mark around the face plate. Remove the latch/deadbolt and chisel out a hole that will accept both the fixed forend and loose face plate, ensuring that when finally fitted the face plate is flush with the door edge.

Fig 3



### 4. Place the body against the door face and in line with lock hole and making sure that allowance is made for the loose faceplate, mark, and drill through the hole position for the spindle.

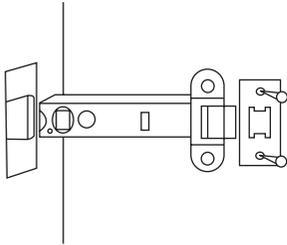
Fig 4



5. Fix the tubular latch/deadbolt complete with the loose faceplate and into the door with the screws provided, ensuring the spindle passes through freely into the latch body. Fix handles, making sure to cut the spindle to the required length.

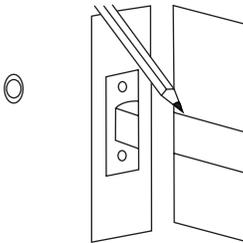
Test the final fitting ensuring that the latch/deadbolt freely operates

Fig 5



6. With the latch/deadbolt fitted and the door in the open position close the door gently against the frame and mark in the doorframe the top and bottom edge of the latch/deadbolt. For FIRE DOOR application use the intumescent packs (1 pack per latch/lock, 1mm for 30 mins and 2mm for 60mins).

Fig 6

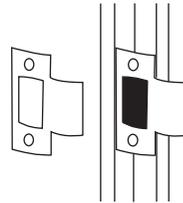


7. Transfer these two marks across to the inside face of the door frame. Mark an additional horizontal line approximately 2mm above the top line. This line represents the top inside edge of the aperture within the striker and will provide operating clearance. To determine the horizontal position of the striker, close the door applying a little pressure, mark a line on the inside, face against the flat face of the latch/deadbolt. This line determines the outside striking edge of the "Striker aperture" with final position established, place the striker in position.

Making allowance for the dust cover, chisel out a hole to the required depth. Chisel out a hole for the forend of the striker and dust cover, ensuring when fitted the forend is flush with the frame.

Plastic dust box must not be used in a fire door assembly.

Fig 7



**MAINTENANCE INSTRUCTIONS:**  
Keep lubricating with a lubricant after 25000 cycle to ensure optimum performance.

CE	1121-CPR	Sparka UK Ltd, Unit 11 Redwood Court, Campbell Way, Sheffield, S25 3NQ								20	
	BS EN 12209:2016						For DOP: <a href="http://www.sparkauk.com">www.sparkauk.com</a>				
Tubular Latch	NPD	M	4	1	0	F	-	B	0	1	0
Arch Tubular Latch	1	M	4	1	0	F	-	B	0	1	0
Arch Tubular Deadbolt	3	X	4	1	0	F	-	B	0	0	0

Products may be fitted on previously tested single-acting, door and frame assemblies with relevant intumescent as required. For particular conditions feel free to visit our website [www.sparkauk.com](http://www.sparkauk.com) or contact our dedicated technical support team on: 0114 350 3414 if you have any further questions.