

Twin Bolts - Aluminium

Twin bolt operators are required for use on aluminium bi-folding doors where the handle is required to drive locking rods into the top and bottom stiles of the door frame.

The actuator moves 60 degrees to the left or right, to suit the installation of the operating mechanism. A drive cam allows the actuator handle to return to the vertical position after the bolts have been retracted so it is not at an angle over the glass. The handle is then operated in the opposite direction to throw the bolt, and again returning to the vertical. In some applications, it may not be possible for the handle to swing in the opposite direction and therefore a straight spindle is required. This function must be advised at the time of order.

The bolt operating mechanism is made from brass and it measures 25mm x 18mm in section. It is secured by an M5 screw and mounting collar through and into the stile mechanism. These are available with M8 or M6 threads and have a projection of 20mm top and bottom.

The actuator has a semi concealed fixing screw at the top that fits onto the mounting collar and a second M5 screw at the bottom, hidden behind the actuator lever when it is in the vertical position. Bolt/Rods are available and are made from 9.5mm diameter aluminium tube.

Aluminium guide blocks are available and can be custom made to suit the required stile sections however existing products should be used where possible.

Refer to "Flush Sliding Bolts" and "Dust Socket" for details of available strikes to suit Chant supplied rods and tips. Custom strikes can be produced, please provide dimensioned drawings of the existing bolt tip.

Refer to Finishes Section for options of the actuator handles.

Code Numbers

4300	Twin Bolt Assembly
4310-M8	Twin Bolt Mechanism M8 Thread
4310-M6	Twin Bolt Mechanism M6 Thread
4330	"Line" Style Actuator
4340*	Bolt/Rod Set
4350*	Bolt Guide Block Set

*Rods and guides should ideally be supplied from standard fabricator hardware where possible.

