

Winkhaus UGTE

Security double door locking system
for aluminium doors



in
Doors



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The UGTE Lock is superbly engineered and manufactured in Germany. Established in 1854 Winkhaus is a market leader producing innovative security solutions to meet the challenges of tomorrows' rapidly changing security and ease of use requirements

Modern construction methods and advancing technologies continually present the consumer with the latest choice when purchasing a new door, whether it's the type of material, vibrant colours, level of security, glass design or even the size.

This is very apparent when considering Double Doors, where for example a modern contemporary building may require a stylish aluminium solution considering the latest requirements of thermal performance and high security locking.

Winkhaus have responded to these multiple requirements by producing the UGTE high security locking system for aluminium doors. The UGTE is a product of flexibility, which amongst many benefits allows for the production of doors which are in excess of 2.3 metres tall!

The double handle solution takes advantage of two high tensile steel hooks that lock directly into the slave lock which in turn features 5.5x11mm bi-laminate shootbolts that locate into fully adjustable steel keeps at the head and cill of the door frame. The locking system has high anti-corrosion properties with its silver chrome 6 plating which achieves an impressive Grade 4 BS EN 1670 rating.

The versatility of the UGTE allows for a range of door sizes to be produced and the minimum and maximum door heights of this range are easily solved with use of the Winkhaus UGTE Excel Configurator. It simply works out the parts that you require!

Handle Rebate Heights

Min Handle Height	Max Handle Height	Bottom Slave Shootbolt
990mm ^A	1133mm ^B	STV-U26 256/8
1134mm ^A	1276mm ^B	STV-U26 399/8

A = Bottom slave shootbolt fully cropped

B = Bottom slave shootbolt non-cropped

Door Rebate Heights

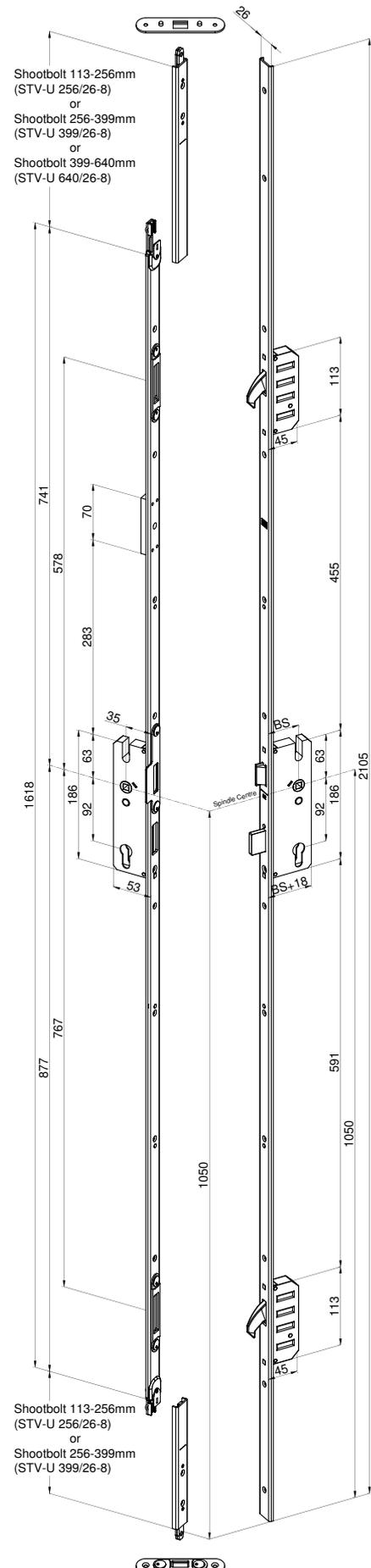
Min Rebate Height	Max Rebate Height	Top Slave Shootbolt
1904mm ^A	2047mm ^B	STV-U26 256/8
2048mm ^A	2190mm ^B	STV-U26 399/8
2191mm ^A	2431mm ^B	STV-U26 640/8

Handle Height = 1050mm (bottom Shootbolt = STV-U26 256/8).

Sizes increase and decrease proportionally when increasing and decreasing the handle height

A = Top slave shootbolt fully cropped

B = Top slave shootbolt non-cropped





Key Features:

- + Designed to fit on door systems without eurogroove.
 - + Lever operated Lock mechanism incorporating two high tensile steel hooks, latch and deadbolt with two shootbolts on the slave leaf.
 - + Lever operated 25mm throw security hooks help counter bow and twist and aid the easy operation of the locking system.
 - + For a traditional appearance handles are fitted to both slave and master door.
 - + Slave and Master door have independent cylinder locking capability and can be keyed alike using Winkhaus's extensive range of cylinder options.
 - + Slave backset 55mm.
 - + Shootbolts can be cropped to size to suit individual door leaf height.
 - + Fully adjustable centre latch striking plate +/- 2mm to prevent door edge damage.
 - + Hook clearance and compression adjustment +/- 2mm.
 - + Fully adjustable shootbolt keeps +/- 2mm.
 - + Upper Security hook fitted in a lower position to allow for lower height double doors.
 - + Police 'Secured by Design' approved.
 - + Suitable for both inward and outward double doors.
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