

## Winkhaus Trulock<sup>+</sup>

Multi-Point Locking System



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# Winkhaus Trulock<sup>+</sup>

## Trulock<sup>+</sup> Multi-Point Locking system especially designed for composite and timber doors for the Social Housing and New Build markets.

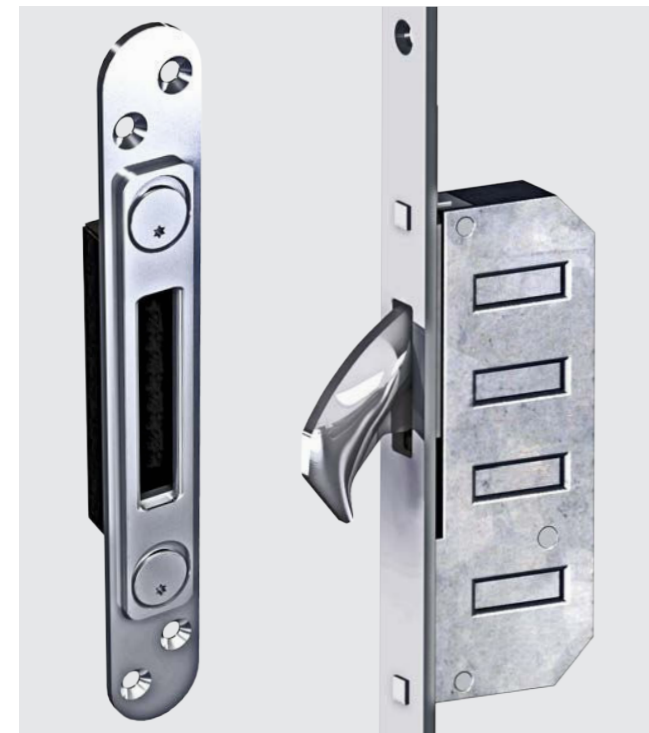
With over 150 years experience in producing locking systems for the world market Winkhaus is a market leader producing innovative security solutions to meet the challenges of tomorrows rapidly changing security and ease of use requirements.

The performance of the popular Trulock<sup>+</sup> Multi-Point Locking System has been enhanced with the introduction of the latest Trulock<sup>+</sup> version.

Designed to meet the rigours of the next decade and the demands of the New Build sector the Trulock<sup>+</sup> has a number of new features:-

### Latest enhancements:-

- Centre gearbox strength increased by up to 30% to further reduce the risk of malicious abusive loads.
- Split Follower mechanism supplied in a fixed Left hand or Right Hand configuration to avoid incorrect factory or site manipulation.
- Enhanced performance using Low Friction hook thrust plates, for smooth precise operation.
- Trulock<sup>+</sup> Pyro version available for Fire Door FD30 applications.
- Steel 44mm wide white powder coated faceplate option.



Standard 24mm wide keeps with dust boxes and off-set screw fixing for enhanced security.

- Trinitic faceplate option manufactured from austenitic Grade 304 Stainless steel.
- Lock faceplates stamped with Police 'Secured By Design' logo.

The Trulock range is available with several faceplate and backset options:

### Faceplate:

- 16mm square end
- 16mm round end
- 20mm square end
- 20mm round end
- 44mm 'U' rail square end

### Backset:

- 35mm
- 45mm
- 55mm

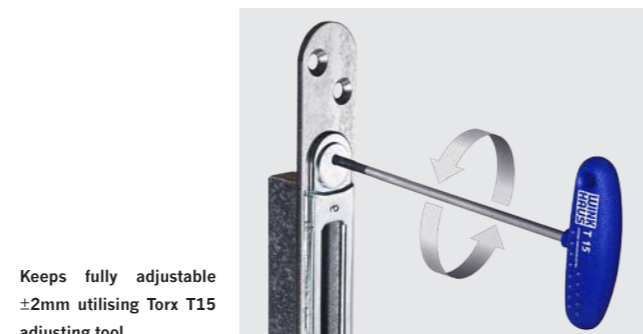
### Operation:

- Lever operated
- Split Follower lever operated
- Key operated

Superbly engineered and manufactured in Germany the Trulock<sup>+</sup> Locking system is approved by the Police 'Secured by Design' security initiative. This important independent endorsement is an essential requirement of the Association of British insurers.



Special design tensile steel handed hook with a 4.5mm chamfer allows a high degree of fitting tolerance for door installation. In addition the hook shape provides low operating forces and helps doors achieve a higher level of weather performance.



Keeps fully adjustable ±2mm utilising Torx T15 adjusting tool.

### 1. 25mm throw tensile steel hooks

High security nickel plated steel hooks fully penetrate the keep rail and help prevent forcing apart of the sash and frame.

### 2. Weather seal compression adjustment in the keeps

Together with the enhanced tapered handed hook design the adjustment in the keeps provides for low operating forces. With ± 2mm adjustment it is possible to adjust for misalignment of the door during and after installation.

### 3. Heavy duty steel keeps

Depending on door frame material, 20mm – 24mm wide heavy duty steel keeps are manufactured using high grade steel, plated to comply with the highest Grade 4 corrosion resistance requirement of BS EN1670 European Standard.

### 4. Latch and deadbolt

Engineered alloy sprung latch (or steel latch for Fire Doors) with a nickel plated steel deadbolt provides the Trulock<sup>+</sup> with maximum strength in the centre of the door.

### 5. High performance gearbox

Tested to 100,000 cycles the sprung gearbox offers the lowest possible operating forces and helps prevent handle 'droop'.

### 6. Cylinders and handles

Trulock<sup>+</sup> Multi-point Locks have been designed to harmonise with the Winkhaus range of security europrofile cylinders, Armorshield cylinder guard and Winkhaus XR6-51 Kitemark profile cylinder (KM531333) to meet PAS23/24 Security and durability standards, both for single domestic dwellings and multi-occupancy dwellings where master key systems are required. The 92PZ locking system is compatible with industry standard handles and also with the Winkhaus Palladio™ handle which has OwlMark™ approval for use by the elderly and infirm.

Special key bow designs, fobs, turn knobs and key pistol grips for the disabled are also available.

### 7. Lifetime adaptability

Trulock<sup>+</sup> is part of the 'Winkhaus family of locks' with exactly the same routing details as the Winkhaus Cobra™ and Automatic AV2<sup>+</sup> range of locking mechanisms.

