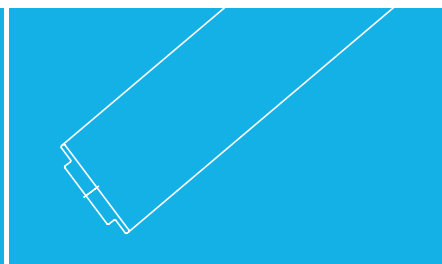
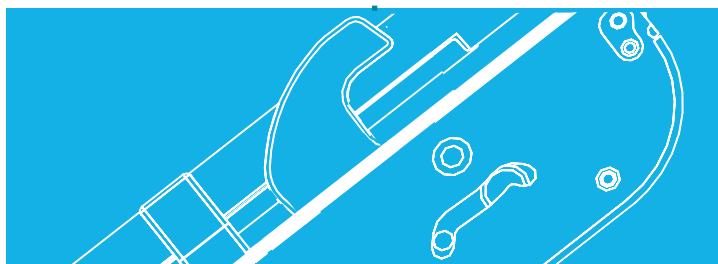
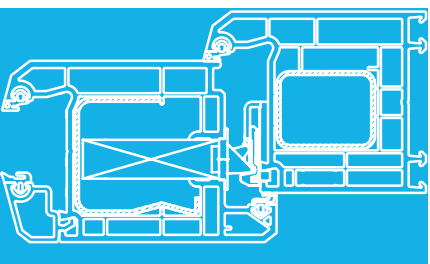


TECHNOLOGY IN MOTION



MACO PROTECT

DOOR LOCKS



**C-TS MODULE DOOR LOCKS
TOP-HAT & BULL NOSE FACEPLATE
FOR PVC & TIMBER**

ORDER INFORMATION



One door lock, a multitude of options!

The harmoniously designed fittings components of the MACO PROTECT product range gives your doors elegant sightlines with minimal stock components and the added option to create many different door style solutions.

The C-TS Module door lock design

- Elegant silver look surface-finish
- Top hat faceplate design option
- Bull Nose, Radius end faceplate option
- One lock for both lever and split spindle applications
- Additional highly secure multiple locking elements including:
- Harmoniously integrated soft latch
- AR App **





Highly flexible thanks to additional faceplate module options.

The ability to provide customers with a wide range of secure door locking options has an added advantage. Equally important is the ability to hold minimal parts to fulfill these requirements. In addition to one modular lock further options are available to the user.

The MACO PROTECT Module system allows for many variations including:

- Additional hook-bolt modules
- Additional dead locks, suitable for use with a profile cylinder
- Magnetic cam for alarm systems with an easy upgrade
- Entry Guard unit, engaged internally by use of a turn knob
- Increase or reduce heights from 1600mm to 3050mm



Top Hat Faceplate for PVC profiles



Setting new standards in faceplate technology for PVC profiles

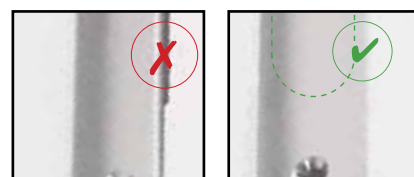
The MACO PROTECT Top-Hat shaped faceplate overcomes aesthetical problems.

The faceplate technology evolution

- The security and aesthetics of a 24mm flat faceplate in conjunction with a 16mm eurogroove
- Stops dirt from being deposited between the faceplate edge and eurogroove
- Protruding lock case routings are safely covered.
- No reduction in door clearances
- Higher stability than a traditional 16 x 3 mm flat faceplate



Stops dirt from being deposited between the faceplate edge and eurogroove



Protruding lock case routings are safely covered.



C-TS Module Door Lock, Top Hat Faceplate 2 x Hook-Bolt & 2 x i.S Cam Locking for PVC

C-TS Combined MODULE	Locking Style	BS (mm)	HC (mm)	■ (mm)	Top Hat Faceplate (mm)	Length (mm)	Box Qty
243601**	2 Hook-Bolt + 2 Cam	35	92	8	24/16	2100	5
243603**	2 Hook-Bolt + 2 Cam	45	92	8	24/16	2100	5
472276	Spindle Pack 54-64 PVC Doors						50
472277	Spindle Pack 64-64 70mm PVC Doors						50

**Pallet quantites of 200

2 Hook-Bolt & 2 Cam locking

- 35 and 45mm backset
- Top hat faceplate
- For PVC profiles systems





C-TS Module Door Lock, Top Hat Faceplate 2 x Hook-Bolt Locking for PVC

C-TS Combined MODULE	Locking Style	BS (mm)	HC (mm)	■ (mm)	Top Hat Faceplate (mm)	Length (mm)	Box Qty
243611**	2 Hook-Bolt	35	92	8	24/16	2100	5
243613**	2 Hook-Bolt	45	92	8	24/16	2100	5
472276	Spindle Pack 54-64 PVC Doors						50
472277	Spindle Pack 64-64 70mm PVC Doors						50

** Pallet quantities of 200

C-TS Module* Door Lock Top Hat Faceplate 4 x Hook-Bolt Locking for PVC

C-TS Combined	Locking Style	BS (mm)	HC (mm)	■ (mm)	Top Hat Faceplate (mm)	Length (mm)	Box Qty
243621**	4 Hook-Bolt	35	92	8	24/16	2100	5
243623**	4 Hook-Bolt	45	92	8	24/16	2100	5
472276	Spindle Pack 54-64 PVC Doors						50
472277	Spindle Pack 64-64 70mm PVC Doors						50

*Notes: It is NOT possible to add module elements to the 4 Hook C-TS Module option above

**Pallet quantities of 200



C-TS Module* Double Door Lock, Top Hat Faceplate 2 x Hook-Bolt Locking, Master Sash for PVC

C-TS Module	Locking Style	BS (mm)	HC (mm)	■ (mm)	Top Hat Faceplate (mm)	Length (mm)	Box Qty
243631**	2 Hook-Bolt	35	92	8	24/16	1500	5
243633**	2 Hook-Bolt	45	92	8	24/16	1500	5

*Notes: It is NOT possible to add module elements to the C-TS Module Double Door Lock option above

**Pallet quantities of 200

C-TS Module Double Doors, Top Hat Faceplate PAS24 Shootbolts, Master Sash for PVC

C-TS Module	Description	i.S cam	Top Hat Face-plate (mm)	Length (mm)	Box Qty
103004	Master PAS24 Reverse Action Shootbolt	no	24/16	200	5
214975	Master PAS24 Reverse Action Shootbolt	yes	24/16	300	5
214977	Master PAS24 Reverse Action Shootbolt	no	24/16	500	5
214969	Master PAS24 Inline Shootbolt	yes	24/16	120	5
214973	Master PAS24 Inline Shootbolt	no	24/16	300	5



C-TS Module Double Door Lock, 16mm Std Faceplate Slave Sash for PVC, Timber & Composite

C-TS Module	Locking Style	BS (mm)	HC (mm)	■ (mm)	Std Faceplate (mm)	Length (mm)	Box Qty
243651**	Slave Lock	35	92	8	16	1500	5
243653**	Slave Lock	45	92	8	16	1500	5

**Pallet quantites of 200

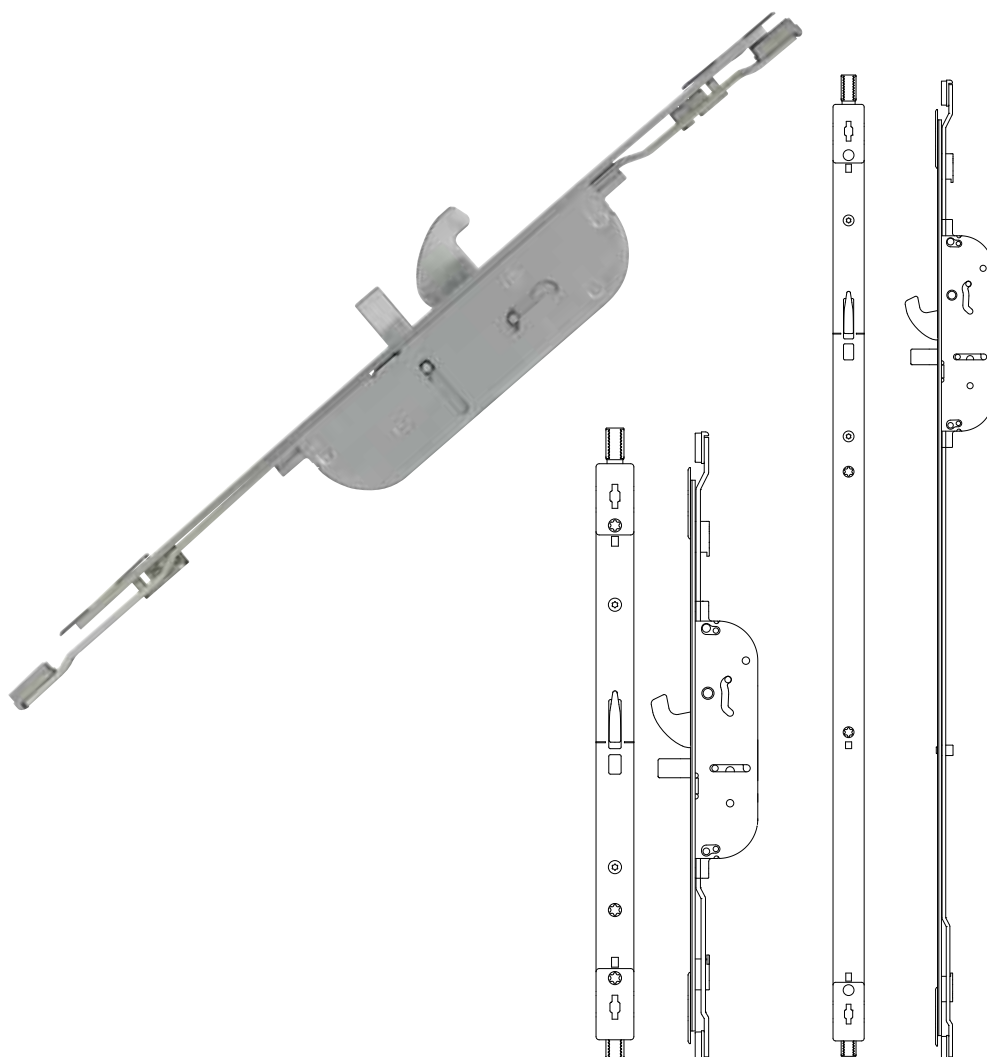
C-TS Module Double Doors, 16mm Std Faceplate PAS24 Shootbolts, Slave Sash for PVC, Timber & Composite

C-TS Module	Description	i.S cam	Std Face-plate (mm)	Length (mm)	Box Qty
102363	Slave PAS24 Reverse Action Shootbolt	no	16	200	5
211835	Slave PAS24 Reverse Action Shootbolt	no	16	300	5
211836	Slave PAS24 Reverse Action Shootbolt	no	16	500	5
211831	Slave PAS24 Inline Shootbolt	no	16	120	5
211833	Slave PAS24 Inline Shootbolt	no	16	300	5



C-TS Module Door Lock, Top Hat Faceplate Hook-Bolt Module for PVC

C-TS Combined	Locking Style	Top Hat Faceplate (mm)	Length (mm)	Box Qty
213962	Hook-Bolt Module Unit	24/16	350	5
213961	Hook-Bolt Height Extending Module Unit	24/16	705	5



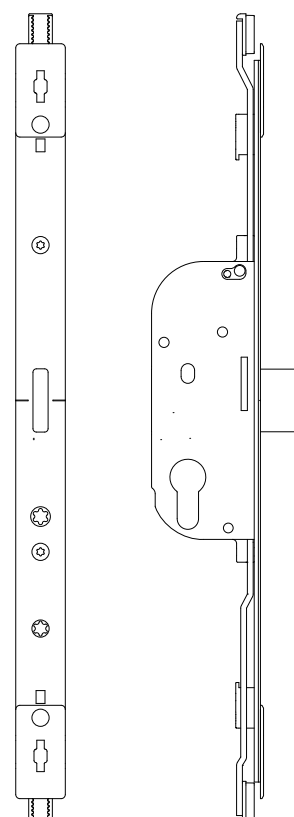
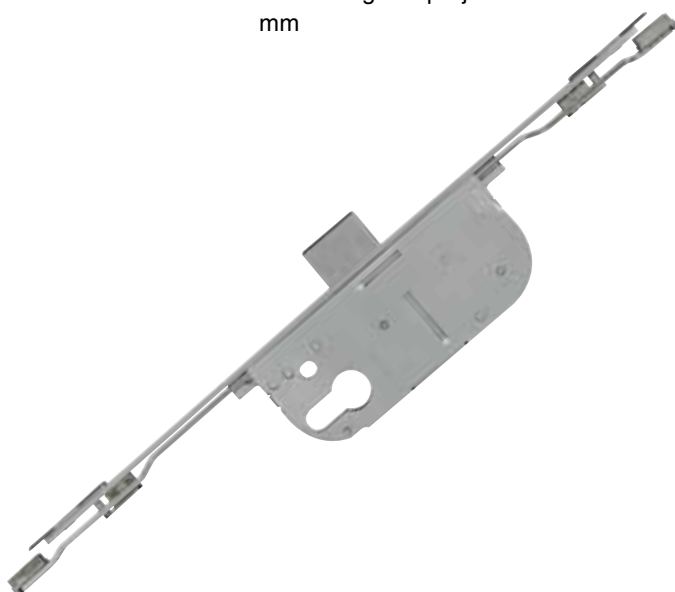


C-TS Module Door Lock, Top Hat Faceplate Euro Cylinder Dead Bolt Module for PVC

C-TS Combined	Locking Style	Top Hat Faceplate (mm)	Back-set	Length (mm)	Box Qty
213963	Euro Cylinder Dead Bolt Module Unit	24/16	35	350	5
213966	Euro Cylinder Dead Bolt Module Unit	24/16	45	350	5

Locking module: Additional deadlock

- Can be locked with a suitable profile cylinder
- Same striker plate as used in hook&bolt combination
- Locked by a single key turn the locking bolt projects 20 mm



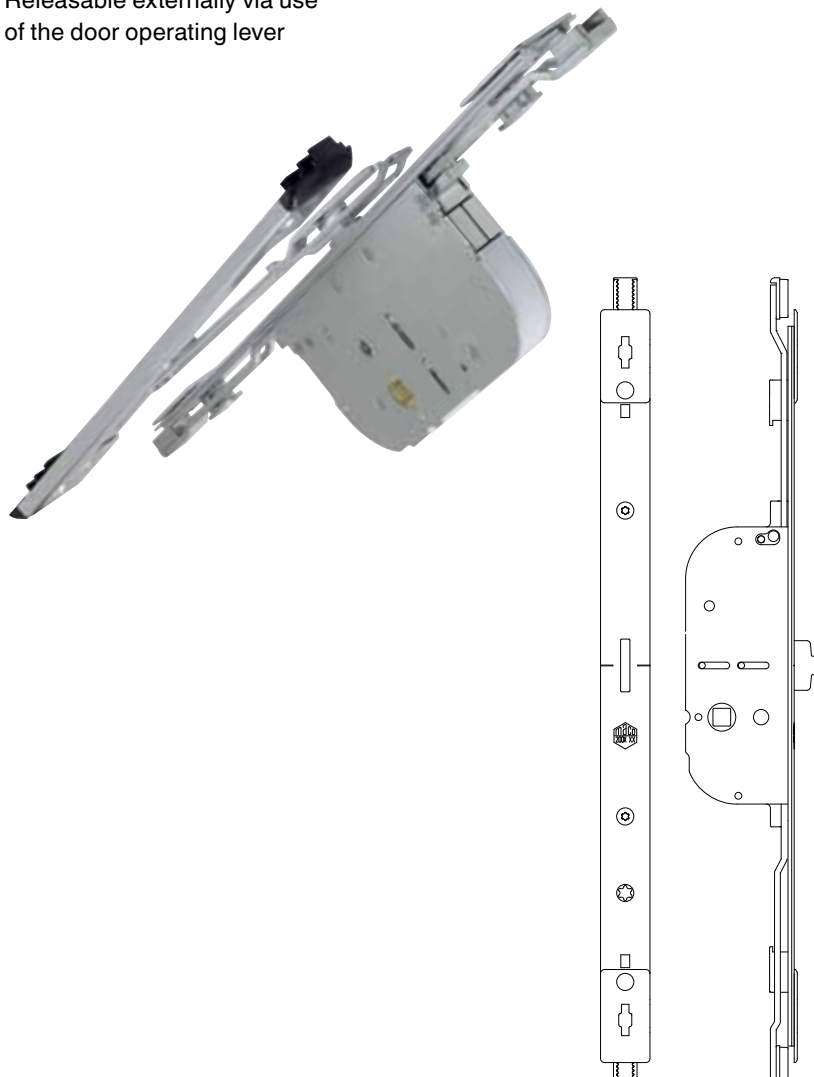


C-TS Module Door Lock, Top Hat Faceplate Entry Guard Module, for PVC

C-TS Combined	Locking Style	Top Hat Faceplate (mm)	Backset	Length (mm)	Box Qty
214030	Entry Guard Module Unit*	24/16	35	350	5
214032	Entry Guard Module Unit*	24/16	45	350	5

Locking Module: Entry Guard Unit

- Engaged internally by use of a turn knob
- Releasable externally via use of the door operating lever



*Note:

- An additional profile related striker plate is required, please refer to the striker plate charts

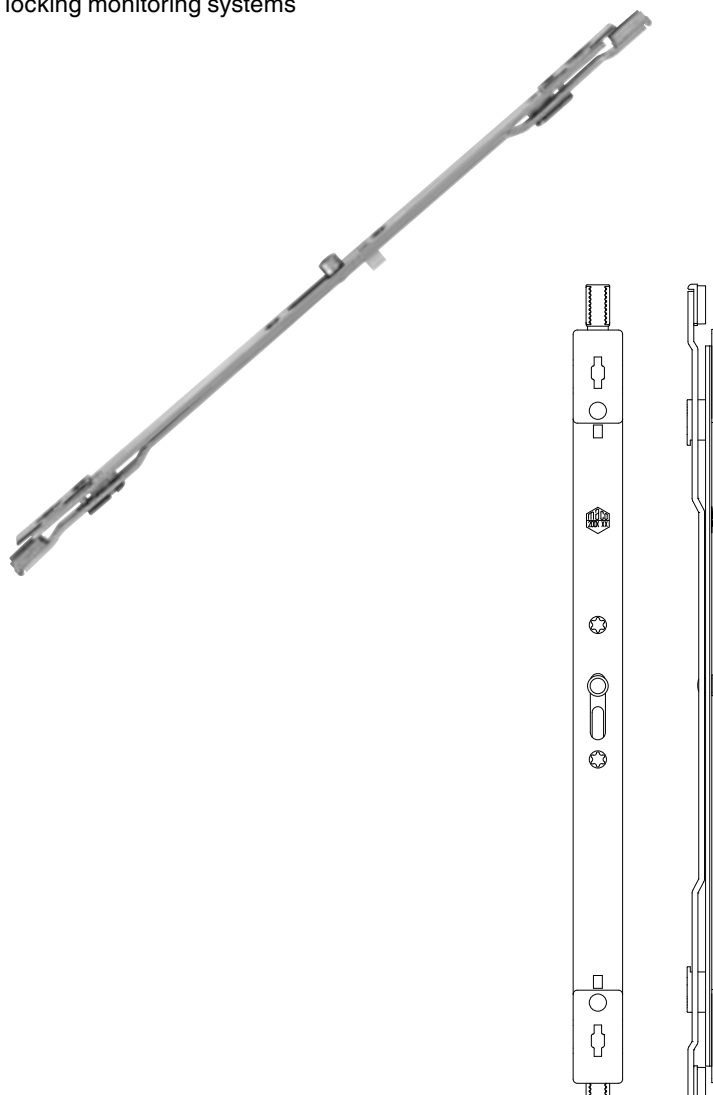


C-TS Module Door Lock, Top Hat Faceplate Magnetic Alarm Module, for PVC

C-TS Combined	Locking Style	Top Hat Faceplate (mm)	Length (mm)	Box Qty
213964	Magnetic Cam Module Unit	24/16	350	5

Locking module: Magnetic cam for alarm systems

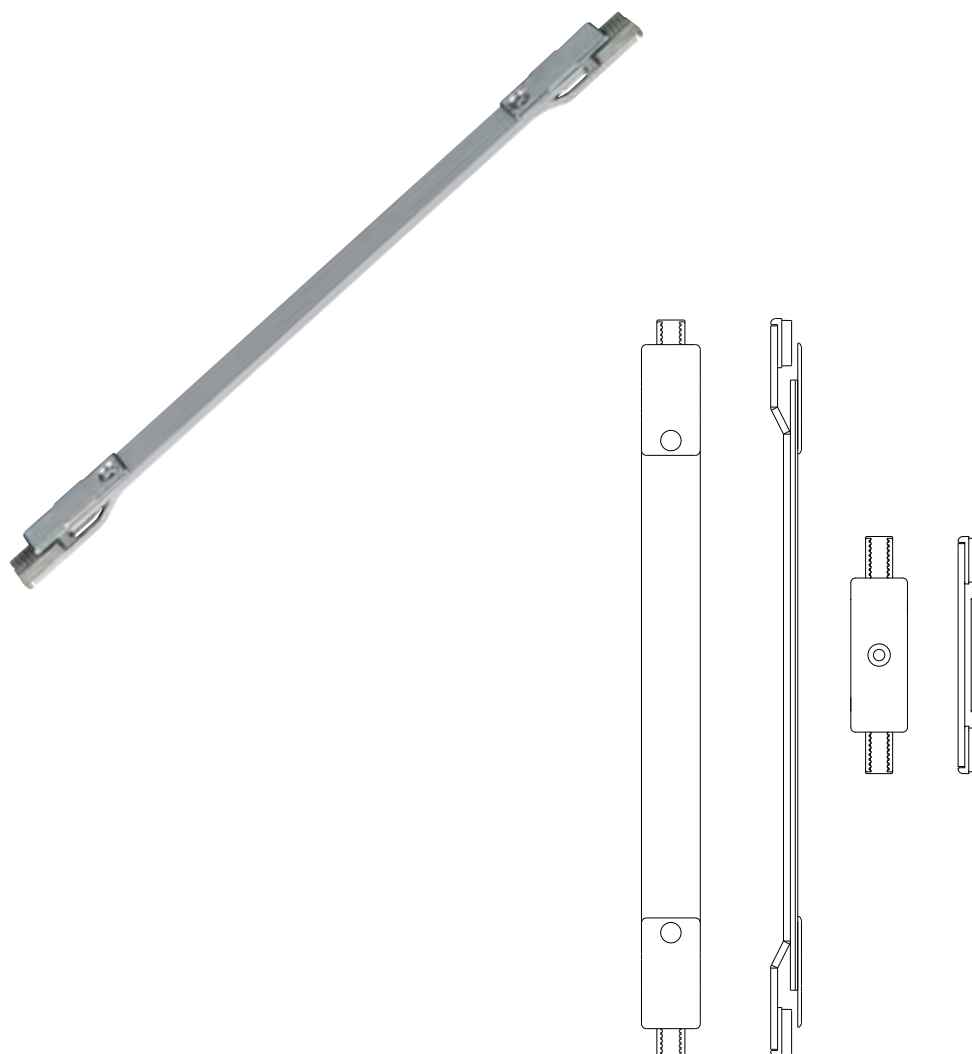
- Can easily be upgraded for locking monitoring systems





C-TS Module Door Lock, Top Hat Faceplate Extension/Reduction Module for PVC

C-TS Combined	Locking Style	Top Hat Faceplate (mm)	Length (mm)	Box Qty
102929	Extension Piece Module Unit	24/16	250	5
102930	Reduction Piece Module Unit	24/16	50	5





Bull Nose Radius End Faceplate for Timber & Composite



Bull Nose faceplate for timber & composite door profiles

The MACO PROTECT Bull Nose radius end faceplate for timber profiles.

The faceplate for timber and composite door profiles

- 20mm 'bull nose' radius end faceplate
- Designed to give a substantial look to timber & composite profile sections
- High stability
- Sits flush with leading edge of the door



C-TS Module Door Lock, Bull Nose, Faceplate 4 x Hook-Bolt Locking for Timber & Composite

C-TS Combined	Locking Style	BS (mm)	HC (mm)	■ (mm)	Bull Nose Faceplate (mm)	Length (mm)	Box Qty
244351**	4 Hook-Bolt	35	92	8	20	1750	5
244353**	4 Hook-Bolt	45	92	8	20	1750	5
472275	Spindle Pack 54-50 Composite and Timber Doors						100

*Note: It is NOT possible to add module elements to the 4 Hook C-TS Module option above

**Pallet quantities of 200

C-TS Module Door Lock, Bull Nose, Faceplate 2 x Hook-Bolt for Timber & Composite

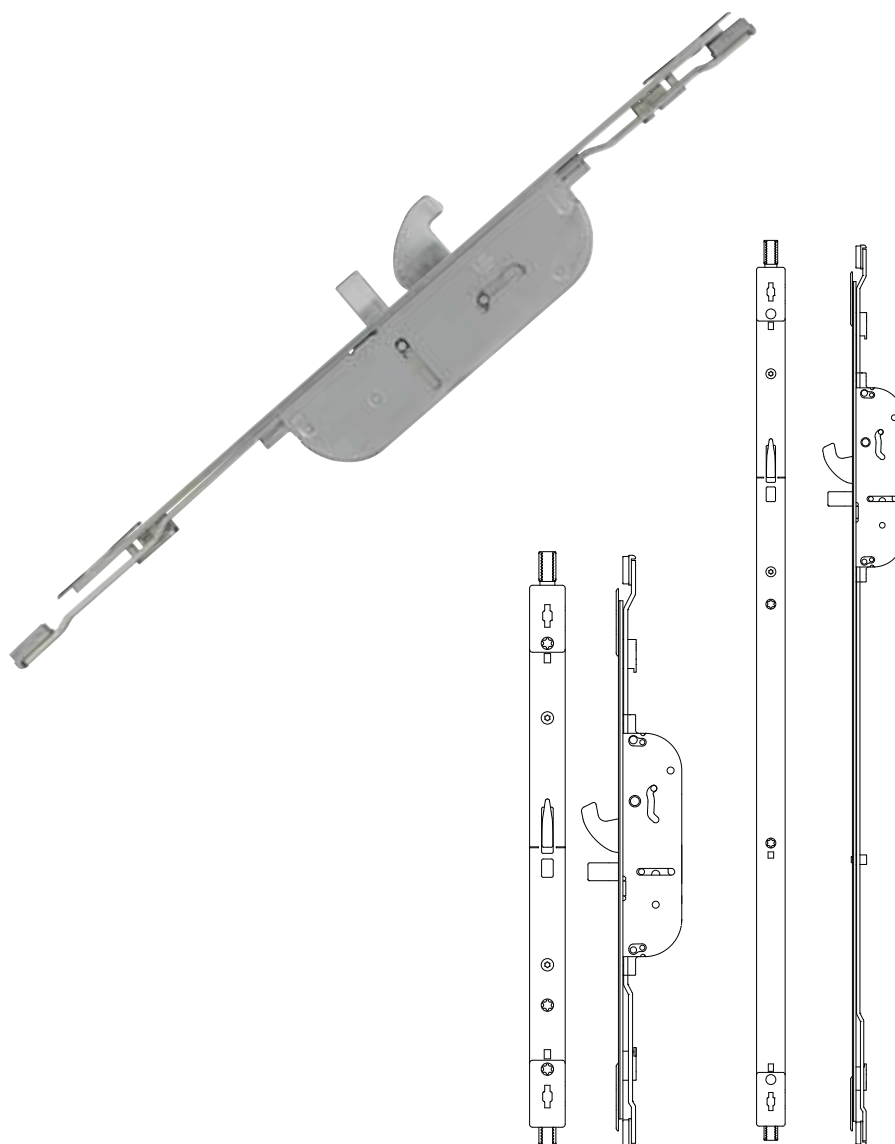
C-TS Combined MODULE	Locking Style	BS (mm)	HC (mm)	■ (mm)	Bull Nose Faceplate (mm)	Length (mm)	Box Qty
243641**	2 Hook-Bolt	35	92	8	20	1750	5
243643**	2 Hook-Bolt	45	92	8	20	1750	5
472275	Spindle Pack 54-50 Composite and Timber Doors						100

**Pallet quantities of 200



C-TS Module Door Lock, 20mm Faceplate Hook-Bolt Module for Timber and Composite

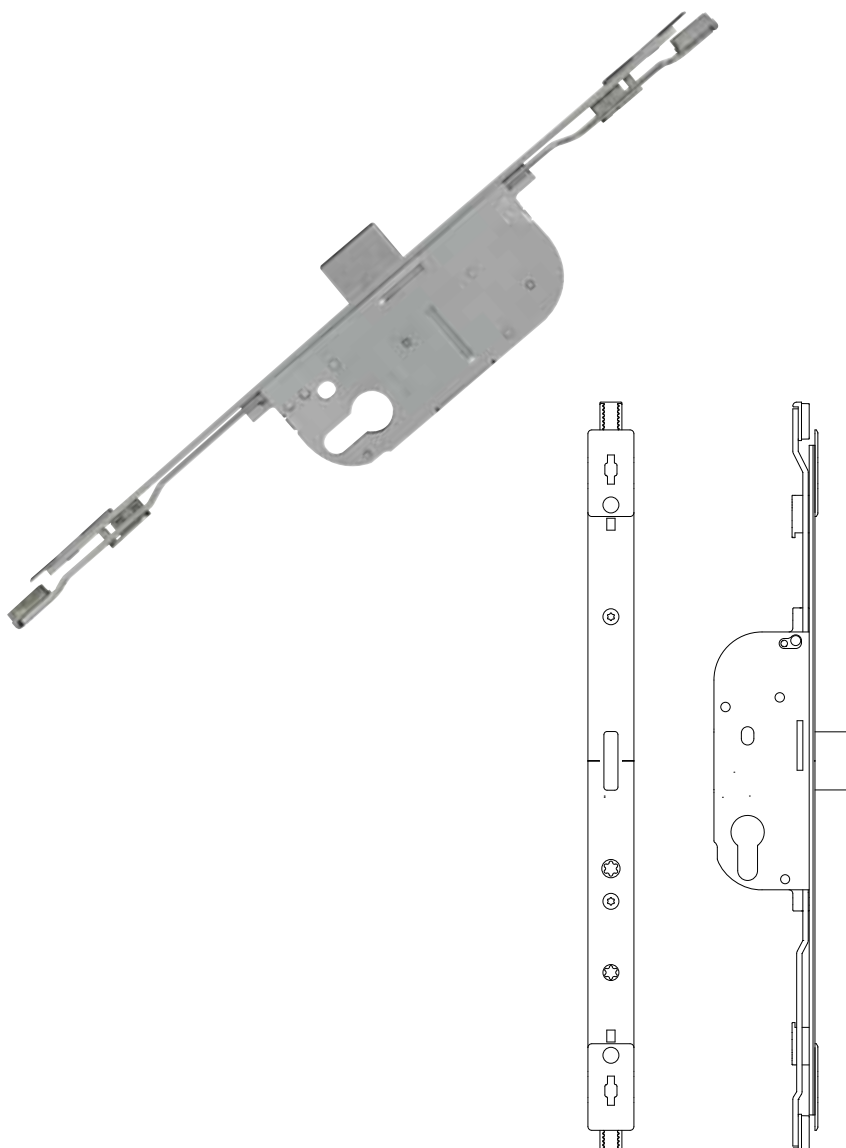
C-TS Combined	Locking Style	Faceplate (mm)	Length (mm)	Box Qty
212759	Hook-Bolt Module Unit	20	350	5
212758	Hook-Bolt Height Extending Module Unit	20	705	5





C-TS Module Door Lock, 20mm Faceplate, Euro Cylinder Dead Bolt Module for Timber & Composite

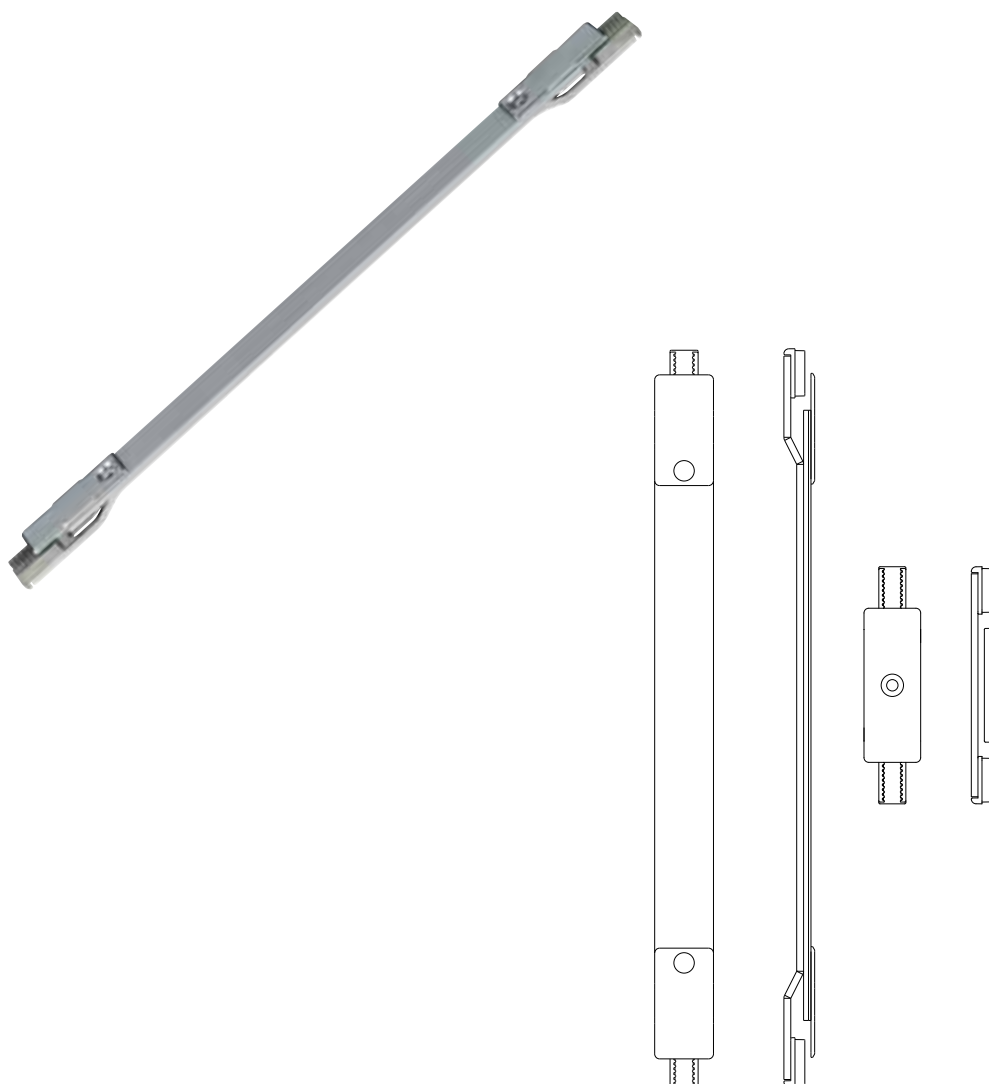
C-TS Combined	Locking Style	Faceplate (mm)	Backset	Length (mm)	Box Qty
212760	Euro Cylinder Dead Bolt Module Unit	20	35	350	5
212890	Euro Cylinder Dead Bolt Module Unit	20	45	350	5

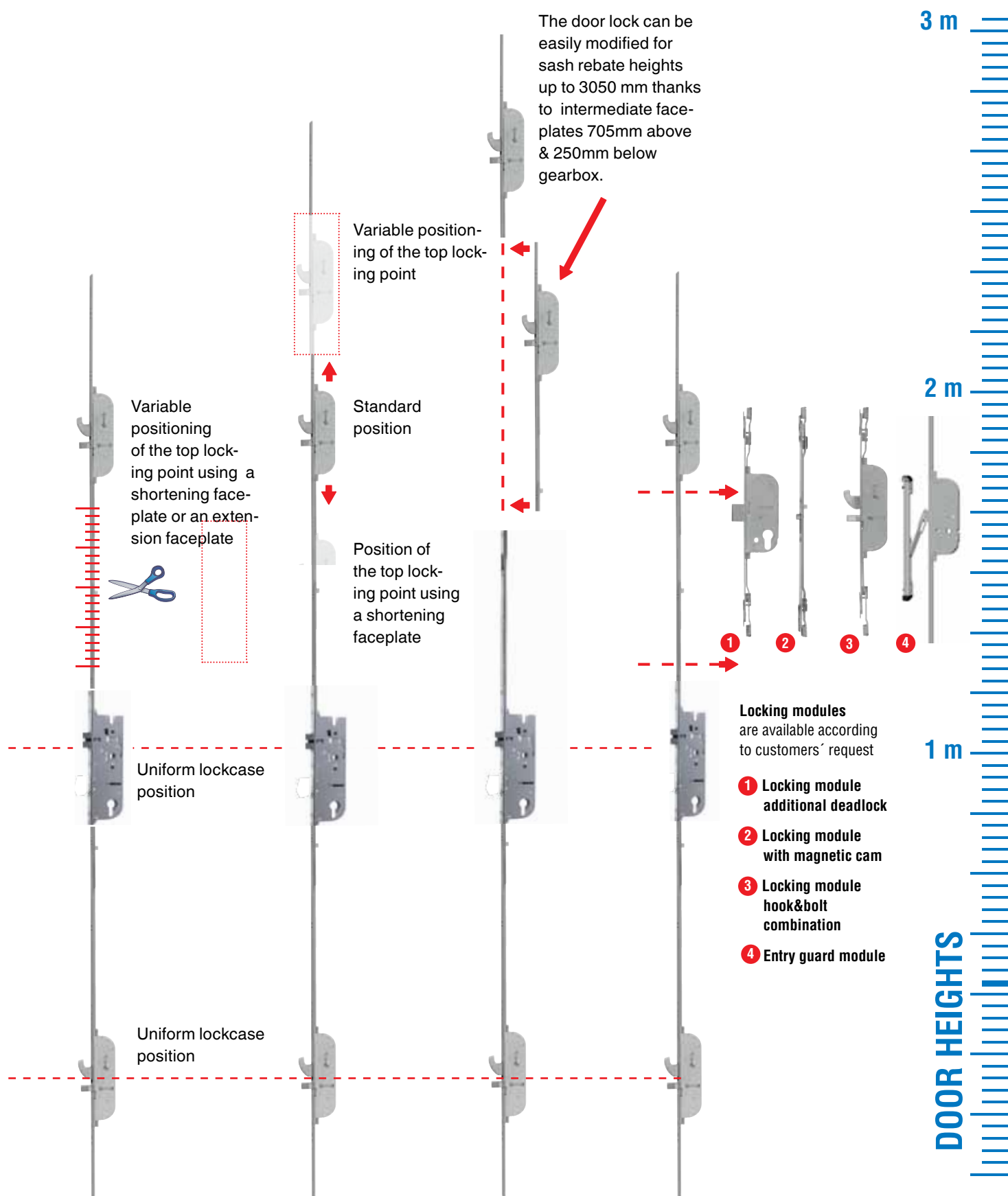




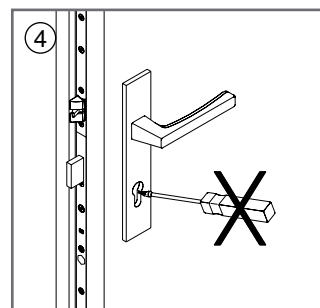
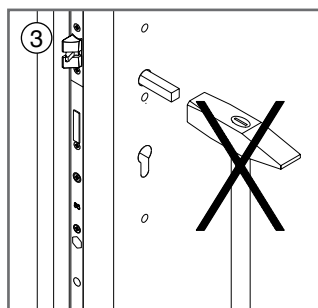
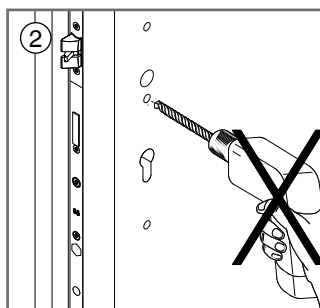
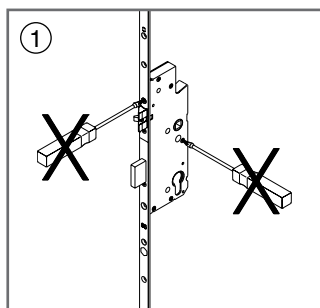
C-TS Module Door Lock, 20mm Faceplate Extension/Reduction Module for PVC

C-TS Combined	Locking Style	Faceplate (mm)	Length (mm)	Box Qty
102555	Extension Piece Module Unit	20	250	5
102557	Reduction Piece Module Unit	20	50	5

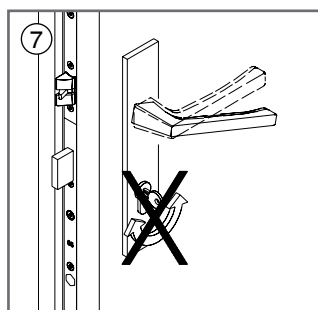
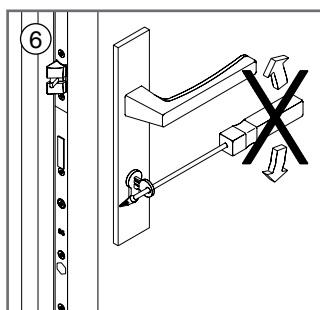
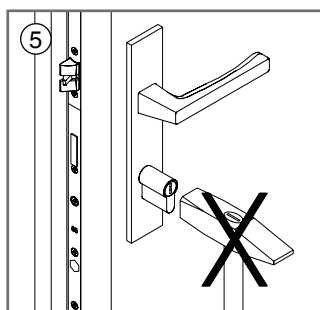




Operating instructions

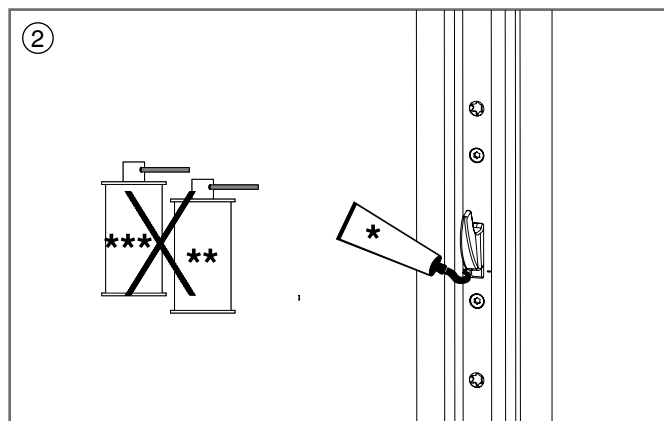
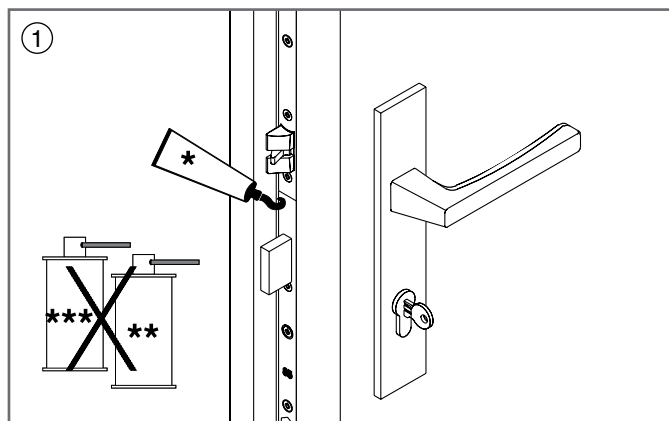


- ① On no account should the main lock casing be opened!
- ② Carry out all drilling work before installing the lock!
- ③ Do not hammer the handle spindle bar forcibly through the spindle receiver!
- ④ Only lock the door lock with the appropriate universal access key!



- ⑤ Do not use force when installing the cylinders!
- ⑥ Do not apply force through external leverage in order to turn the key!
- ⑦ The handle and the key may not be operated simultaneously!

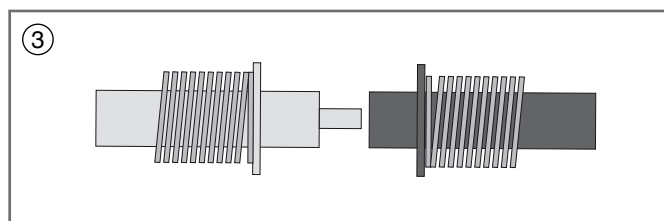
Operating instructions



- * Grease
- ** Rust dissolver
- *** Silicone spray



Do not use lube oils,
rust removers, silicone
sprays, WD40 etc....!!



- ① The door lock (main lock casing) is supplied with a high performance lubricant and DOES NOT require any further lubrication!

The latch and deadbolt must be lubricated once a year

- ② Hooks, bolts and locking cams as well as the connecting rod below must be lubricated once a year



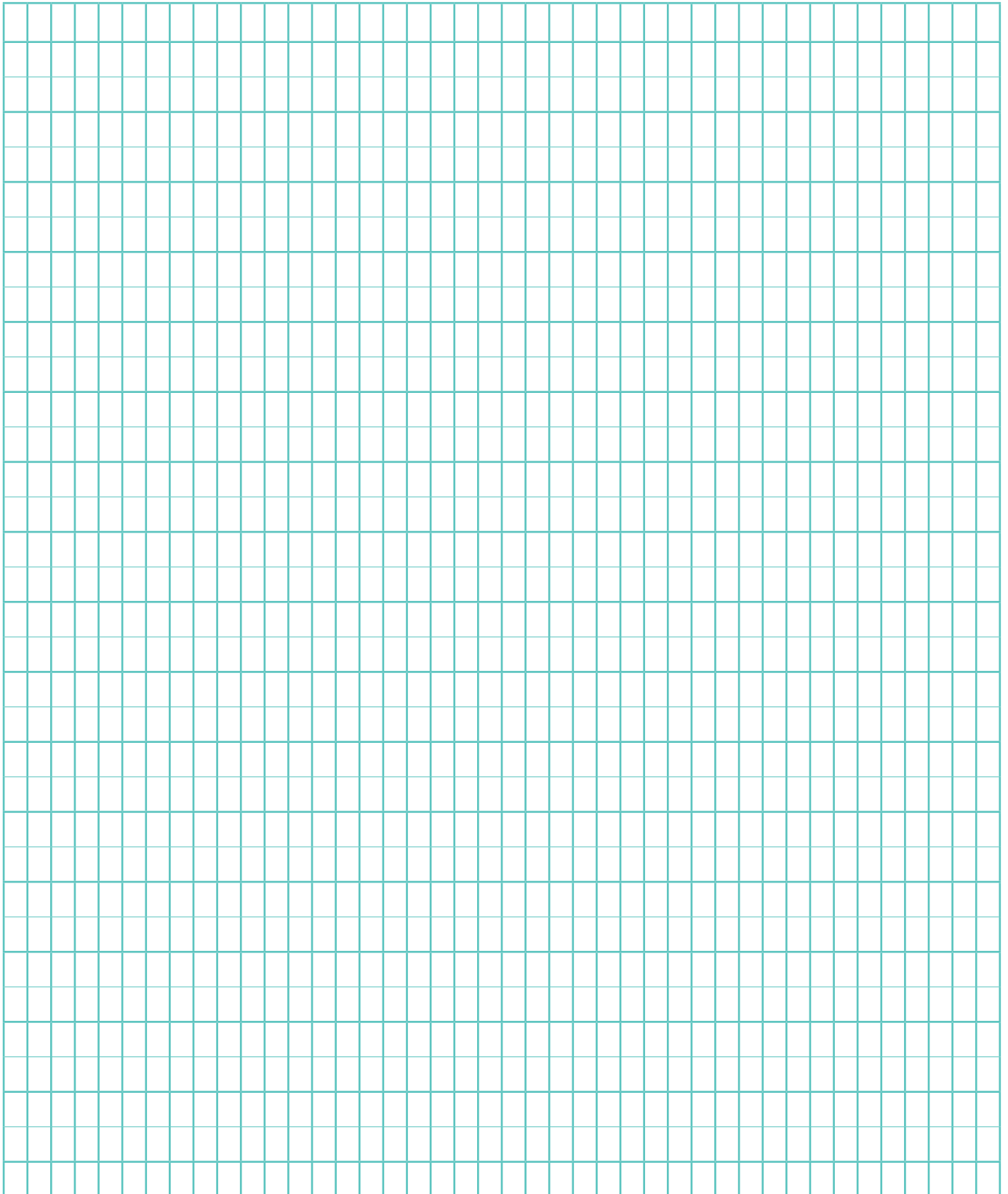
Lubrication is to be carried out only with lubrication grease or technical vaseline!

③ Split Spindle Pack

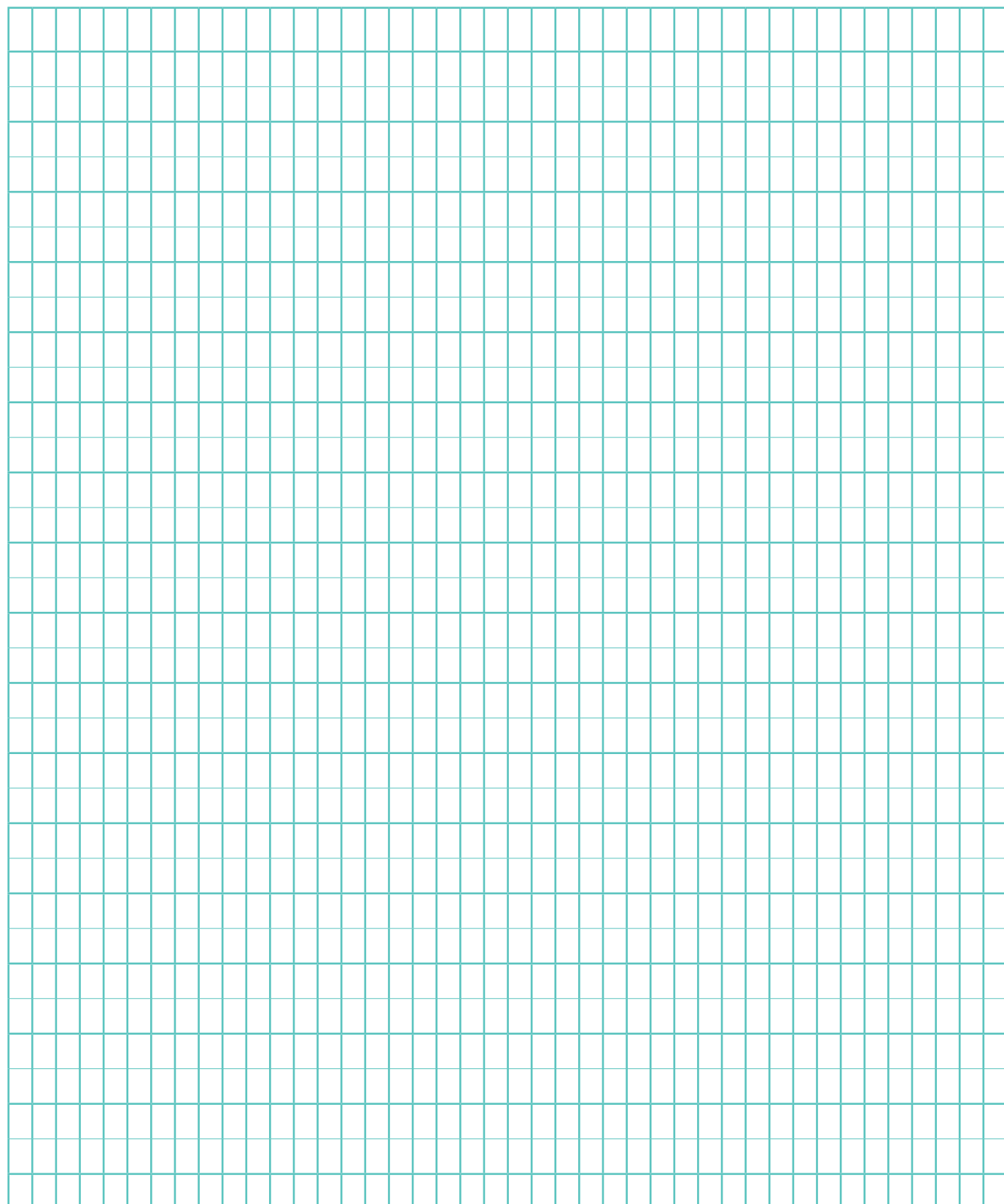
To use the split spindle function of the C-TS Door Lock

- a) The male spindle bar retracts the latch and is dedicated as the internal spindle
- b) The female spindle bar operates the multipoint lock but not the latch and is dedicated as the external spindle
- c) Should the door function require reversing remove the handle set and spindles from the door, replace the spindle ensuring that the male spindle bar is on the inside of the door, then replace the handle set

Notes.



Notes.



**MACO
PROTECT**



**MACO DOOR & WINDOW
HARDWARE (U.K.) LTD**
EUROLINK INDUSTRIAL CENTRE
CASTLE ROAD
SITTINGBOURNE
KENT, ME10 3LY
TEL +44 (0)1795 433900
FAX +44 (0)1795 433902
enquiry@macouk.net
www.macouk.net

Order -CTSMODBRO - Date: July 2015
All rights reserved and subject to change.