



Yale

Yale Stable Door Lock

Technical Manual

Reflecting on the increasing trend for stable door functionality in more contemporary settings as well as cottages and farmhouses, this is a welcome addition to our range enabling us to offer a solution for PVCu and composite doorsets.

- Lockmaster 21 Stable Door Lock
- Lockmaster Stable Door Lock

Trusted every day

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Lockmaster 21

35mm PVCu Stable Door Lock - Top Lock

Part Number: YSDL004-T-35H-27



Auxiliary unit

- Lockmaster signature hook and anti-lift pin
- Top roller to assist door lock compression

Centre case

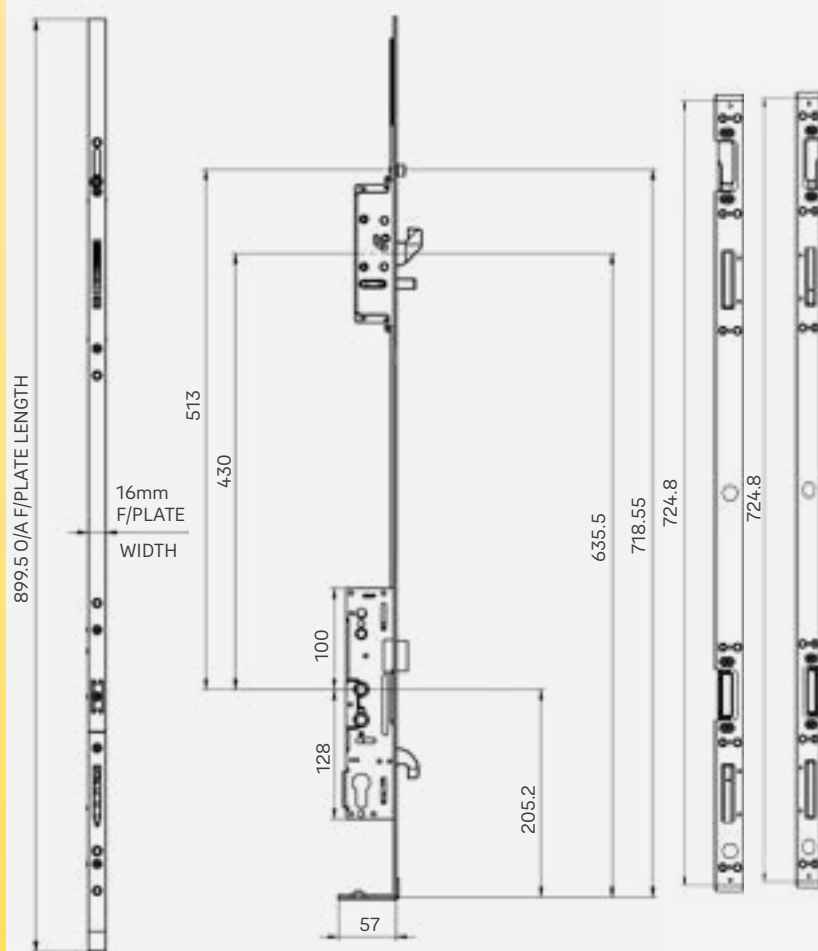
- Lockmaster 21 configured for a lever door handle
- Hook centre
- Unsprung
- Twin follower
- 35mm backset
- Reversible latch
- PZ92 centre case

Faceplate

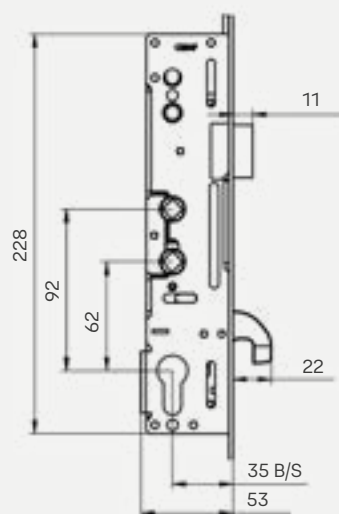
- Yale branded
- 430 stainless steel
- 16mm square end faceplate, with 90 degree return to accept bottom lock shootbolt

One piece keep

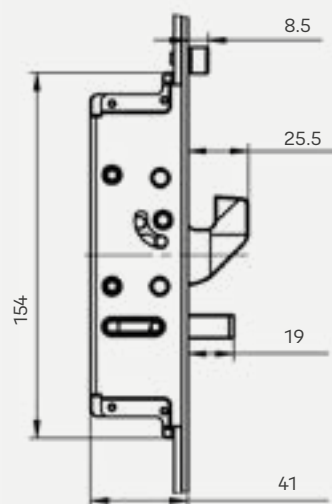
- 13mm handed OPK to suit top lock option
- Lockmaster 21 profile specific packers available



Centre case



Auxiliary Unit



Partcode

Description

YSDL004-T-35H-27

Stable Door Lock - Top, 2HAL1R
35mm, Extendable, PVCu (Top Lock)

YLKSD13-01L-T

Stable Door One Piece Keep LH - Top
PVCu

YLKSD13-03R-T

Stable Door One Piece Keep RH - Top
PVCu

Lockmaster 21 - Routing Prep

35mm PVCu Stable Door Lock and Keep

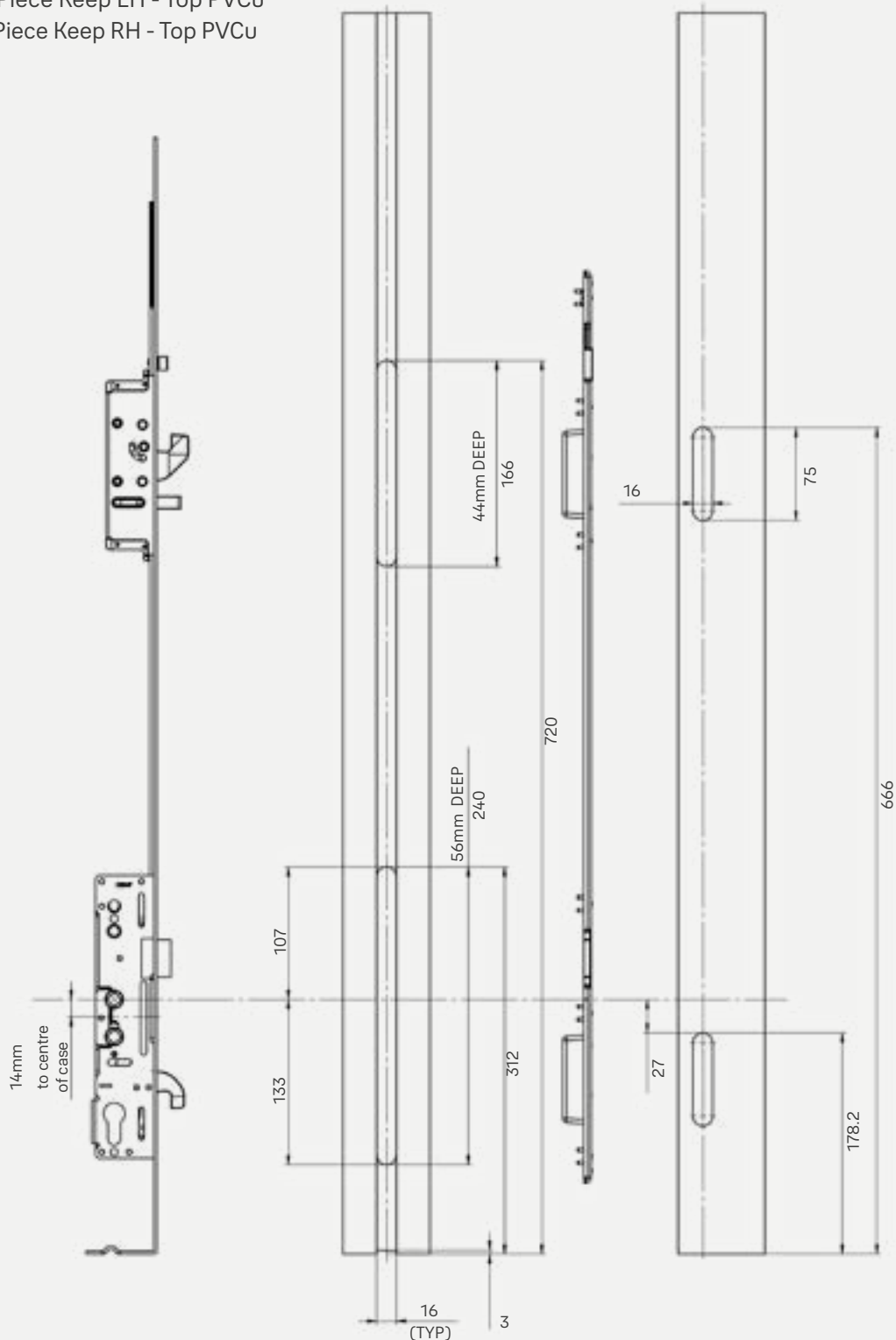
Top Lock

Part Number: YSDL004-T-35H-27, YLKSD13-01L-T and YLKSD13-03R-T

Stable Door Lock - Top, 2HAL1R 35mm, Extendable, PVCu

Stable Door One Piece Keep LH - Top PVCu

Stable Door One Piece Keep RH - Top PVCu



Lockmaster 21

35mm PVCu Stable Door Lock - Bottom Lock

Part Number: YSDL003-B-35D-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin
- Bottom roller to assist door lock compression
- 29mm extended shootbolt

Centre case

- Lockmaster KeyTurn
- 35mm backset
- Deadbolt centre
- PZ92 centre case

Faceplate

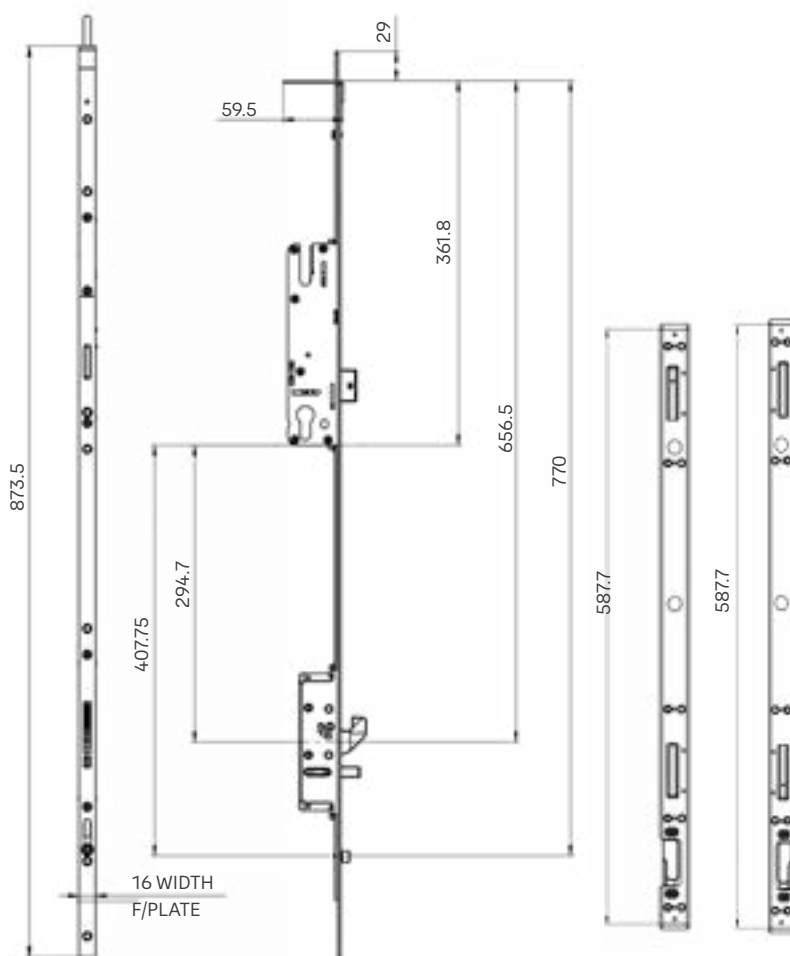
- Yale branded
- 430 stainless steel
- 16mm square end faceplate

One piece keep

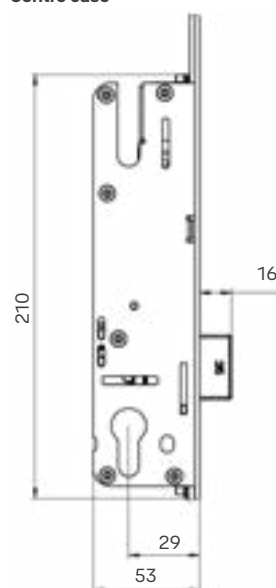
- 13mm handed OPK to suit bottom lock option
- Lockmaster 21 profile specific packers available

Shootbolt guide

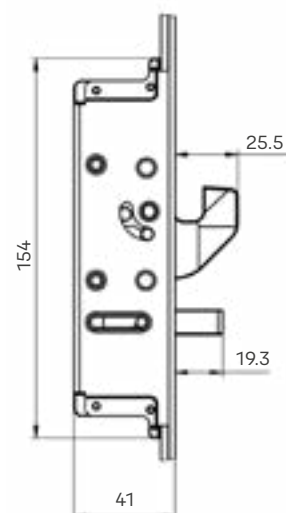
- 304 stainless steel
- 16mm shootbolt guide to accept bottom leaf shootbolt



Centre case



Auxiliary Unit



Partcode

Description

YSDL003-B-35D-27

Stable Door Lock - Bottom, 1D1HAL1R, PVCu (Bottom Lock) 29mm Ext.

YLKSD13-02L-B

Stable Door One Piece Keep LH - Bottom PVCu

YLKSD13-04R-B

Stable Door One Piece Keep RH - Bottom PVCu

YSDL-SG-60

Shootbolt Guide

Lockmaster 21 - Routing Prep

35mm PVCu Stable Door Lock and Keep

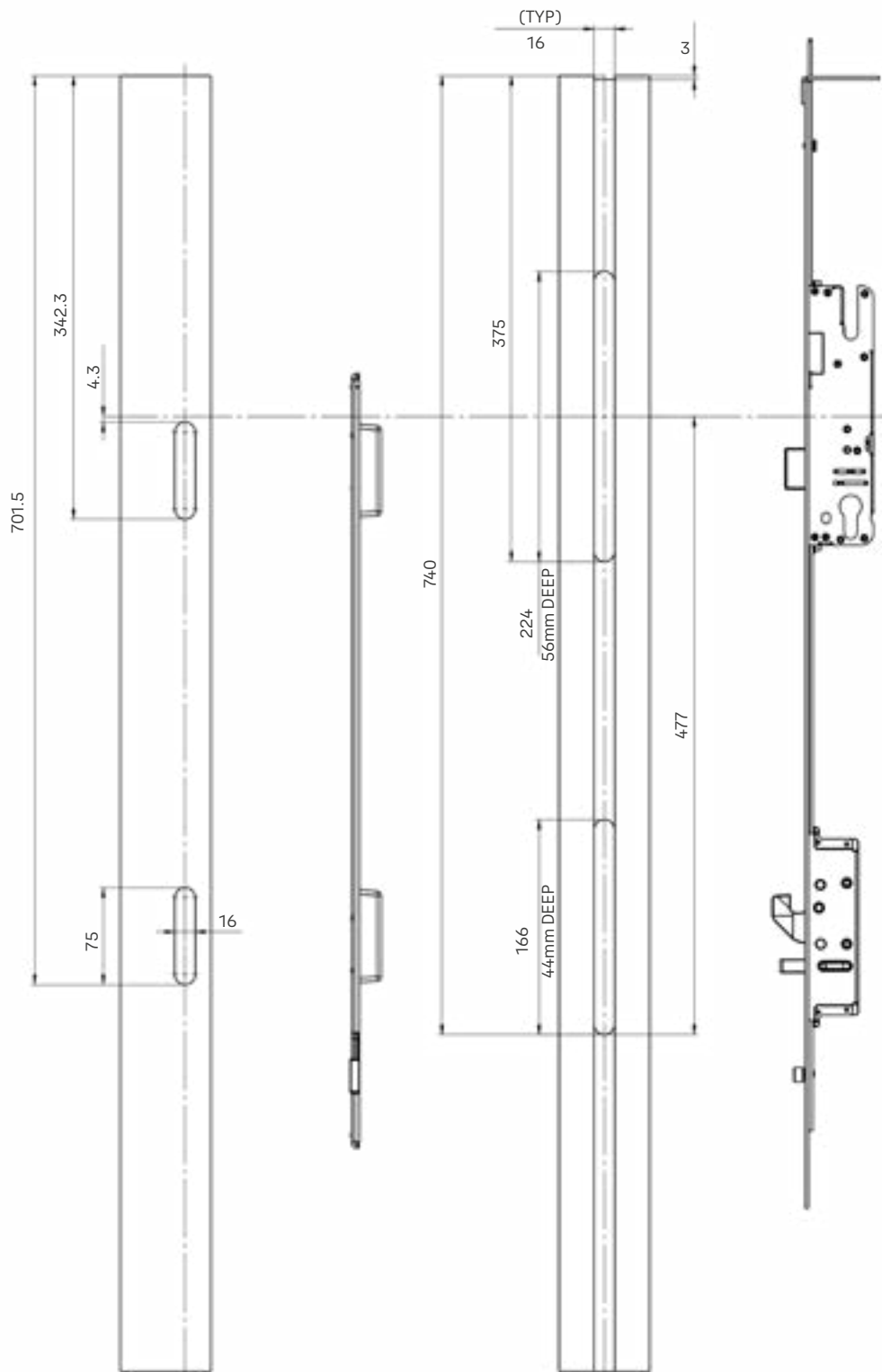
Bottom Lock

Part Number: YSDL003-B-35D-27, YLKSD13-02L-B, YLKSD13-04R-B

Stable Door Lock - Bottom, 1D1HAL1R, PVCu, 35mm, Extendable - 29mm shootbolt throw

Stable Door One Piece Keep LH - Bottom PVCu

Stable Door One Piece Keep RH - Bottom PVCu



Lockmaster 21

35mm PVCu Stable Door Lock - Bottom Lock

Part Number: YSDL007-B-35D-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin
- Bottom roller to assist door lock compression
- 61mm extended shootbolt

Centre case

- Lockmaster KeyTurn
- 35mm backset
- Deadbolt Centre
- PZ92 centre case

Faceplate

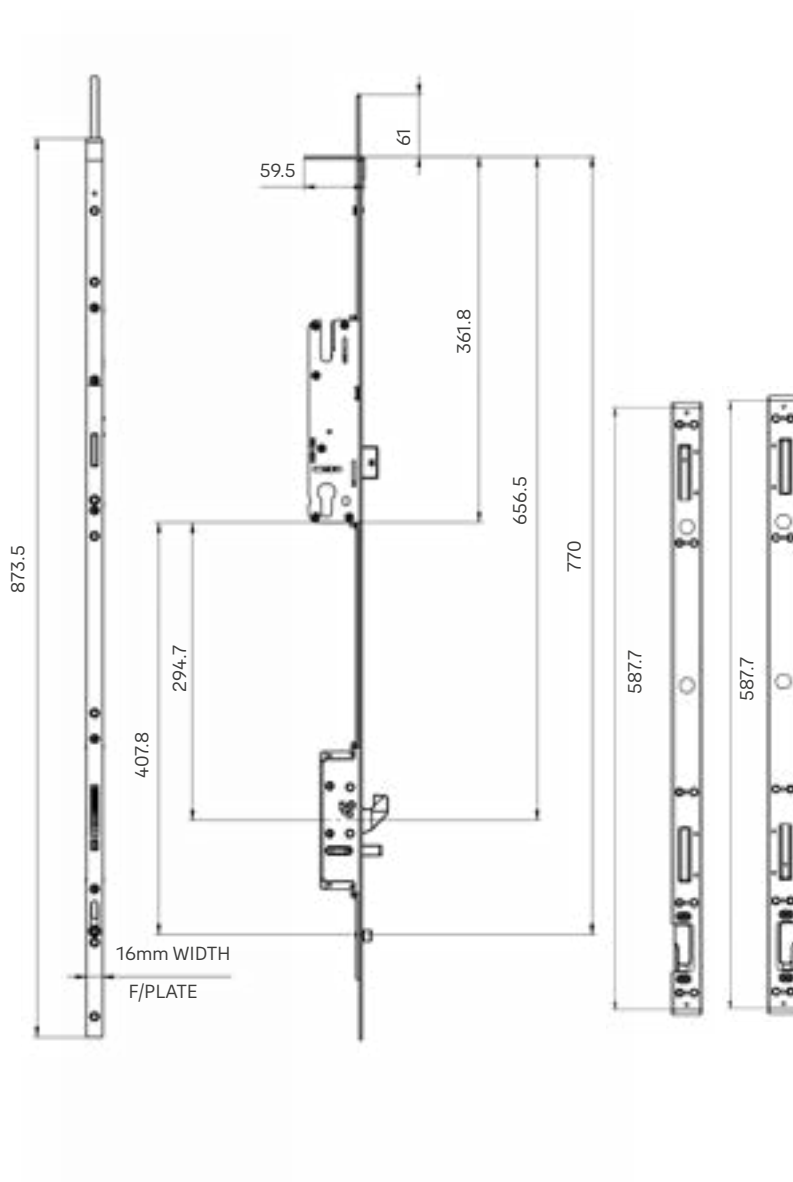
- Yale branded
- 430 stainless steel
- 16mm square end faceplate

One piece keep

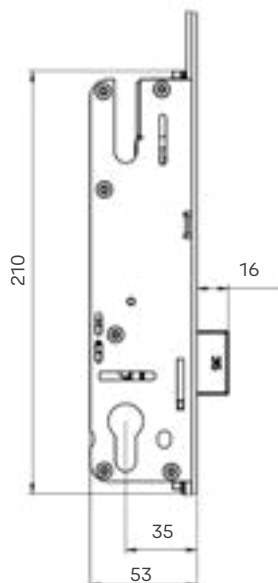
- 13mm handed OPK to suit bottom lock option
- Lockmaster 21 profile specific packers available

Shootbolt guide

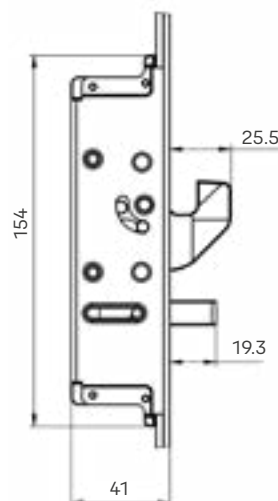
- 304 stainless steel
- 16mm shootbolt guide to accept bottom leaf shootbolt



Centre case



Auxiliary Unit



Partcode

Description

YSDL007-B-35D-27

Stable Door Lock - Bottom, 1D1HAL1R, PVCu (Bottom Lock) 60mm Ext.

YLKSD13-02L-B

Stable Door One Piece Keep LH - Bottom PVCu

YLKSD13-04R-B

Stable Door One Piece Keep RH - Bottom PVCu

YSDL-SG-60

Shootbolt Guide

Lockmaster 21 - Routing Prep

35mm PVCu Stable Door Lock and Keep

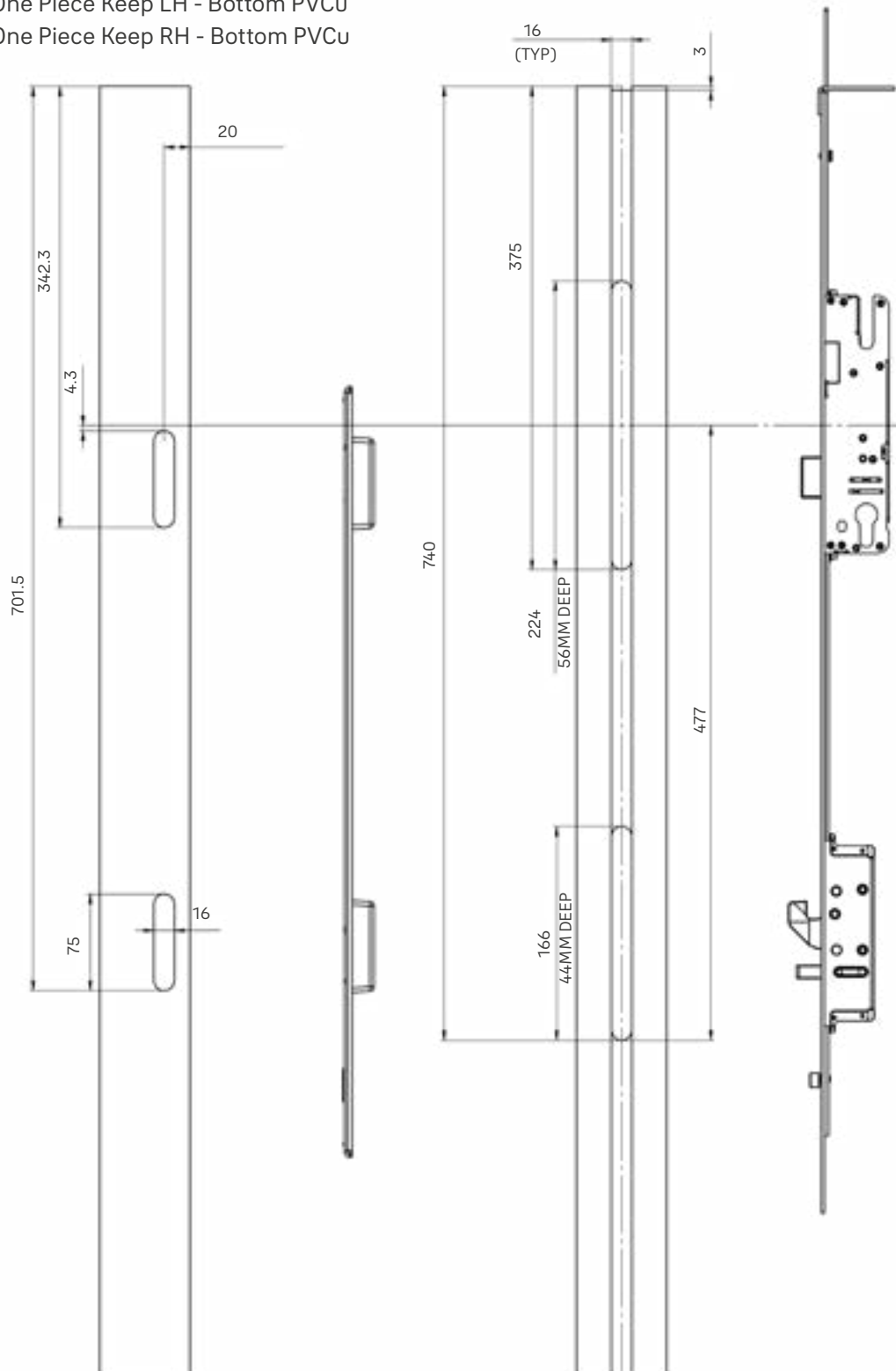
Bottom Lock

Part Number: YSDL007-B-35D-27, YLKSD13-02L-B, YLKSD13-04R-B

Stable Door Lock - Bottom, 1D1HAL1R, PVCu, 35mm, Extendable - 61mm shootbolt throw

Stable Door One Piece Keep LH - Bottom PVCu

Stable Door One Piece Keep RH - Bottom PVCu



Lockmaster

45mm Composite Stable Door Lock -Top Lock (when using flush bolts)

Part Number: YDSL001-T-45H-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin

Centre case

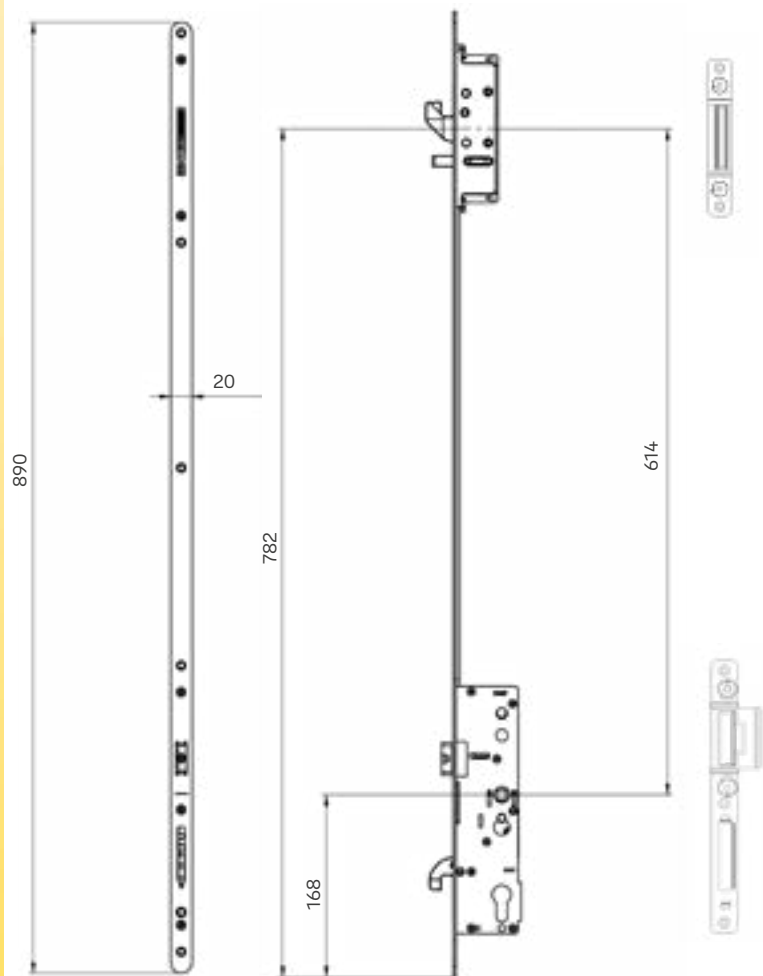
- Lever operated hook gearbox
- 45mm backset
- Hook Centre
- Reversible latch
- PZ92 centre case

Faceplate

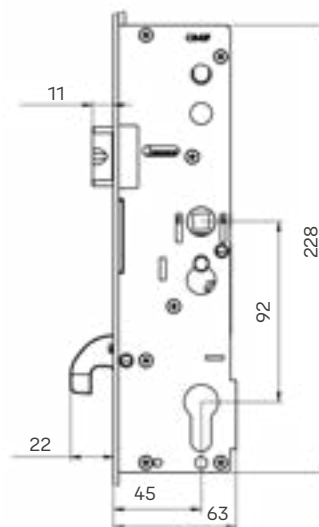
- Yale branded
- 20mm round ended faceplate
- 430 stainless steel

Individual Keeps

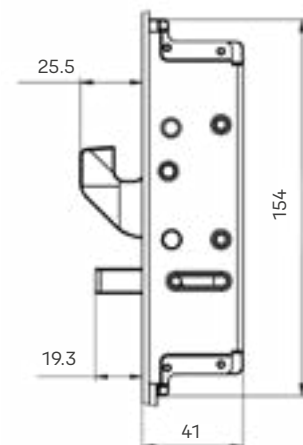
- Fully adjustable keeps to suit top lock option



Centre case



Auxiliary Unit



Partcode	Description
YSDL001-T-45H-27	Yale Lockmaster Stable Door lock - Top 2H 45mm 20RE
PLK924-19	LH Centre Hook & Deadbolt Keep Composite
PLK925-19	RH Centre Hook & Deadbolt Keep Composite
PLK926-19	Composite Hook End Keep

45mm Composite Stable Door Lock

Part Number: YSDL001-T-45H-27

Technical drawing of a metal enclosure with the following dimensions and features:

- Overall Dimensions:**
 - Length: 890
 - Width: 240
 - Depth: 44mm DEEP
- Internal Dimensions:**
 - Internal Length: 697
 - Internal Width: 134
 - Internal Depth: 66mm DEEP
- Other Dimensions:**
 - Top Flange Width: 168
 - Top Flange Thickness: 20 (TYP)
 - Bottom Flange Thickness: 106
- Internal Features:**
 - Top Panel: Contains a large rectangular cutout, a circular cutout, and several smaller circular holes.
 - Bottom Panel: Contains a large rectangular cutout, a circular cutout, and several smaller circular holes.
 - Side Panel: Contains a large rectangular cutout and several smaller circular holes.

Lockmaster

45mm Composite Stable Door Lock -Bottom Lock (when using flush bolts)



Part Number: YSDL001-B-45D-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin

Centre case

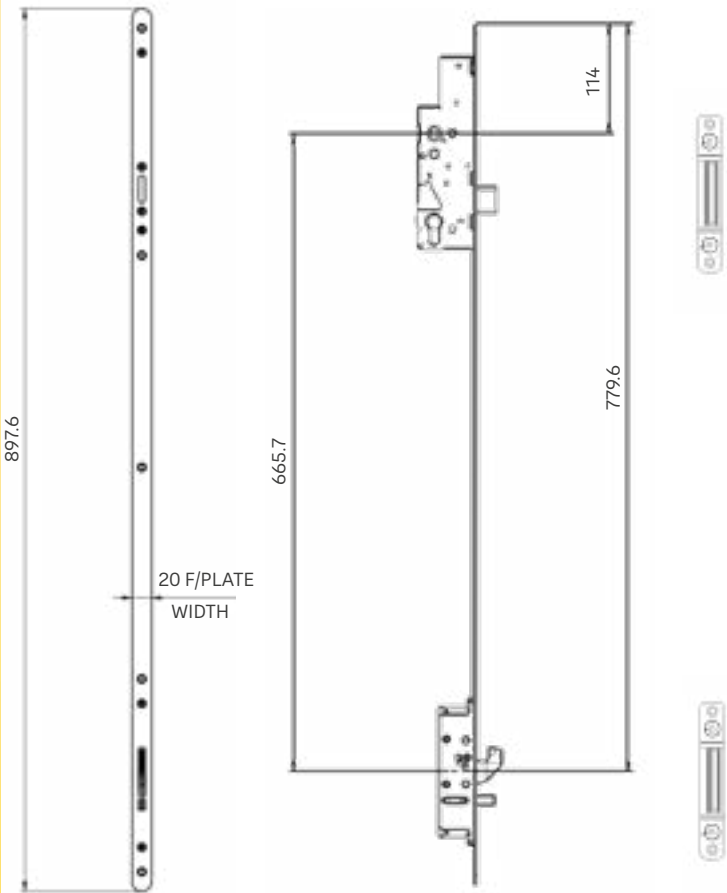
- Deadbolt gearbox
- 45mm backset
- Deadbolt centre
- PZ92 centre case

Faceplate

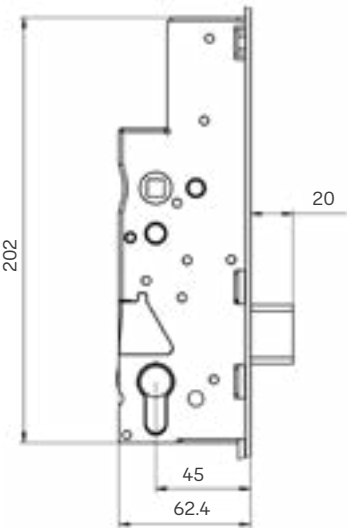
- Yale branded
- 20mm round ended faceplate

Individual Keeps

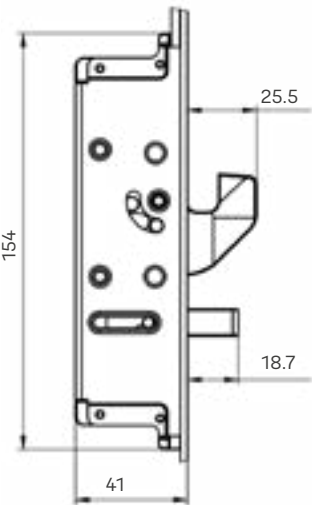
- Fully adjustable keeps to suit top lock option



Centre case



Auxiliary Unit



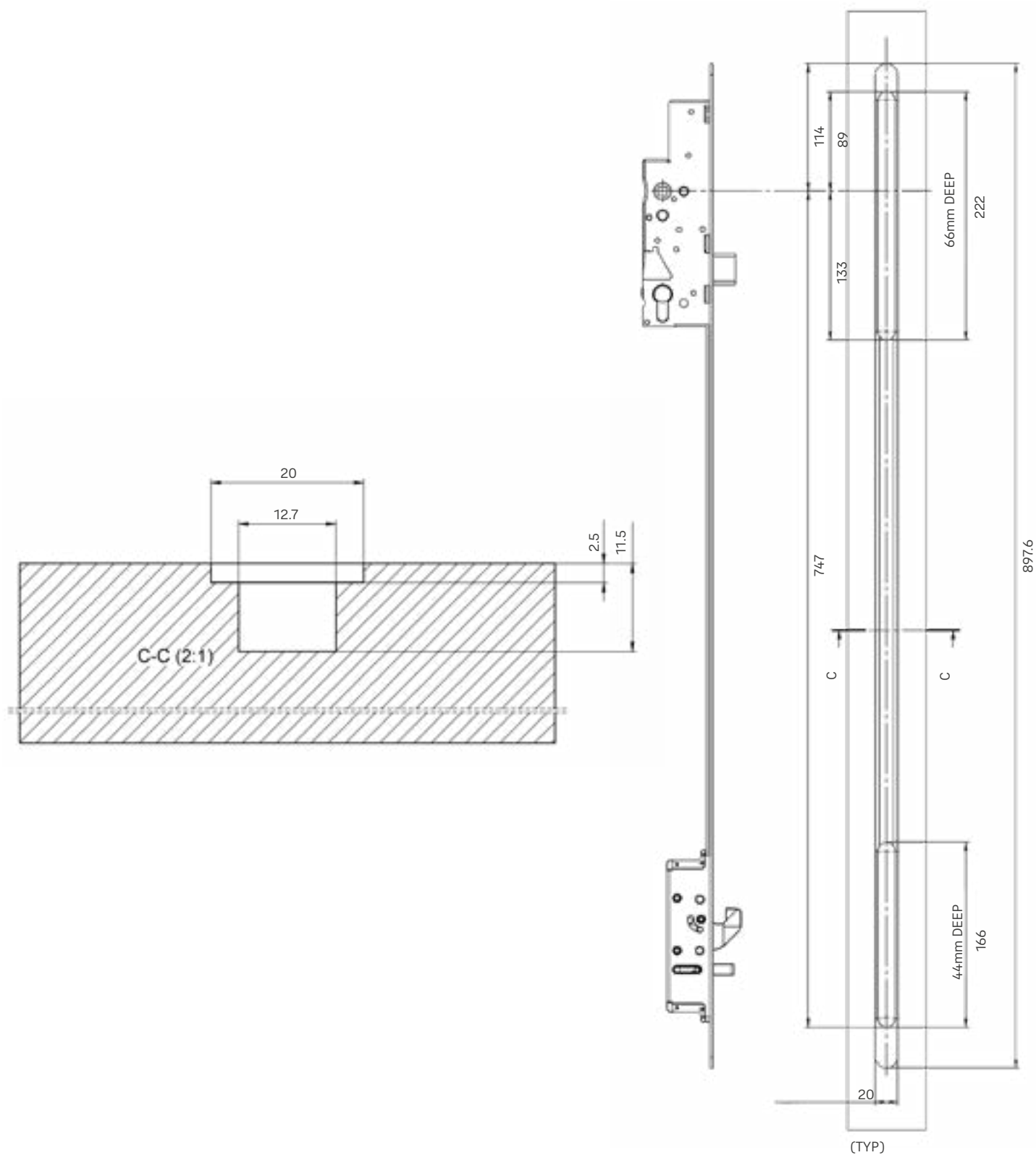
Partcode	Description
YSDL001-B-45D-27	Yale Lockmaster Stable Door Lock - Bottom 1H, 45mm Keyturn 20RE
PLK924-19	LH Centre Hook & Deadbolt Keep Composite
PLK925-19	RH Centre Hook & Deadbolt Keep Composite
PLK926-19	Composite Hook End Keep

Lockmaster - Routing Prep

45mm Composite Stable Door Lock

Bottom Lock
Part Number: YSDL001-B-45H-27

Stable Door Lock - Bottom, 1H, 20mm Round ended, Composite, 45mm



Lockmaster 21

35mm Composite Stable Door Lock - Top Lock

Part Number: YSDL005-T-35H-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin

Centre case

- Lever operated hook gearbox
- 35mm backset
- Hook Centre
- Reversible latch
- PZ92 centre case

Faceplate

- Yale branded
- 430 stainless steel
- 20mm square end faceplate

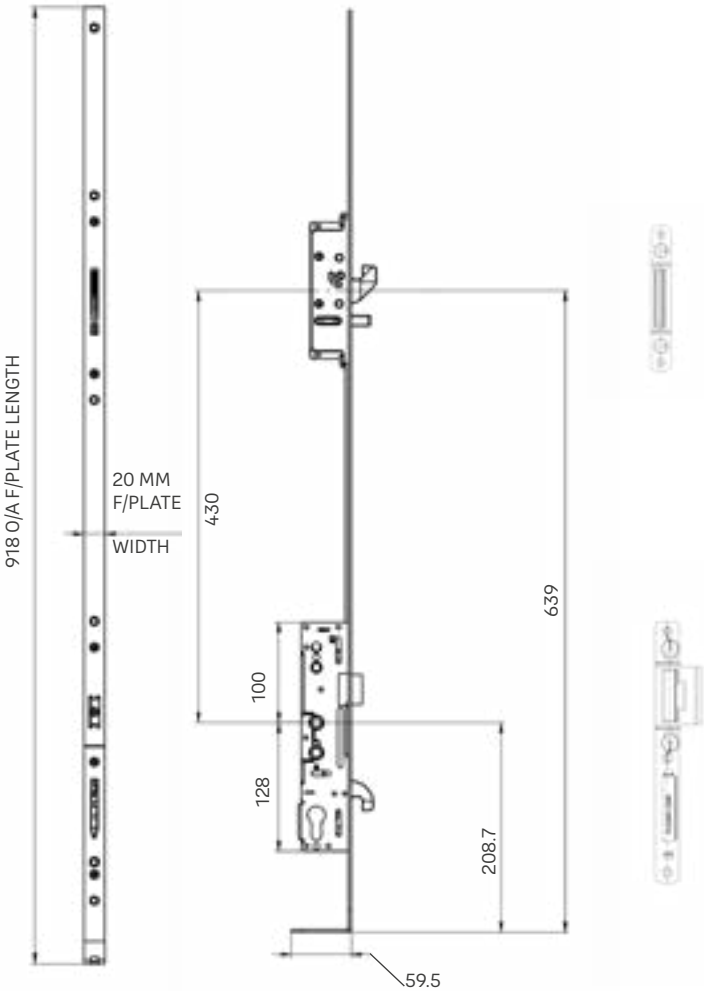
Shootbolt Guide

- 20mm radiused end 90° return to accept bottom lock shootbolt

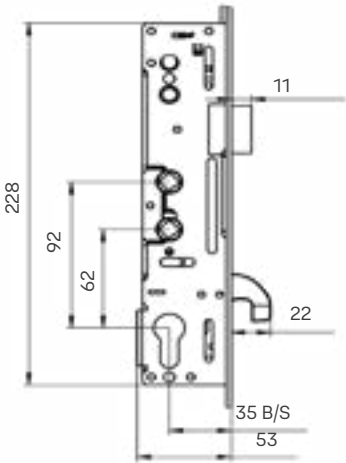
Individual Keeps

- Fully adjustable keeps to suit top lock option

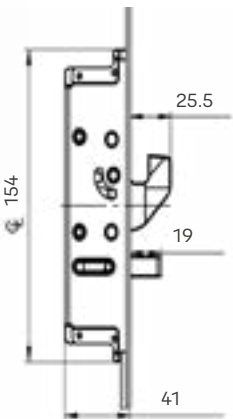
Partcode	Description
YSDL005-T-35H-27	Stable Door Lock - Top, 2HAL, 35mm, Composite (Top Lock)
PLK924-19	LH Centre Hook & Deadbolt Keep Composite
PLK925-19	RH Centre Hook & Deadbolt Keep Composite
PLK926-19	Composite Hook End Keep
YSDL-SG-RAD-60	Shootbolt Guide - 20mm radiused end 90° return



Centre case



Auxiliary unit



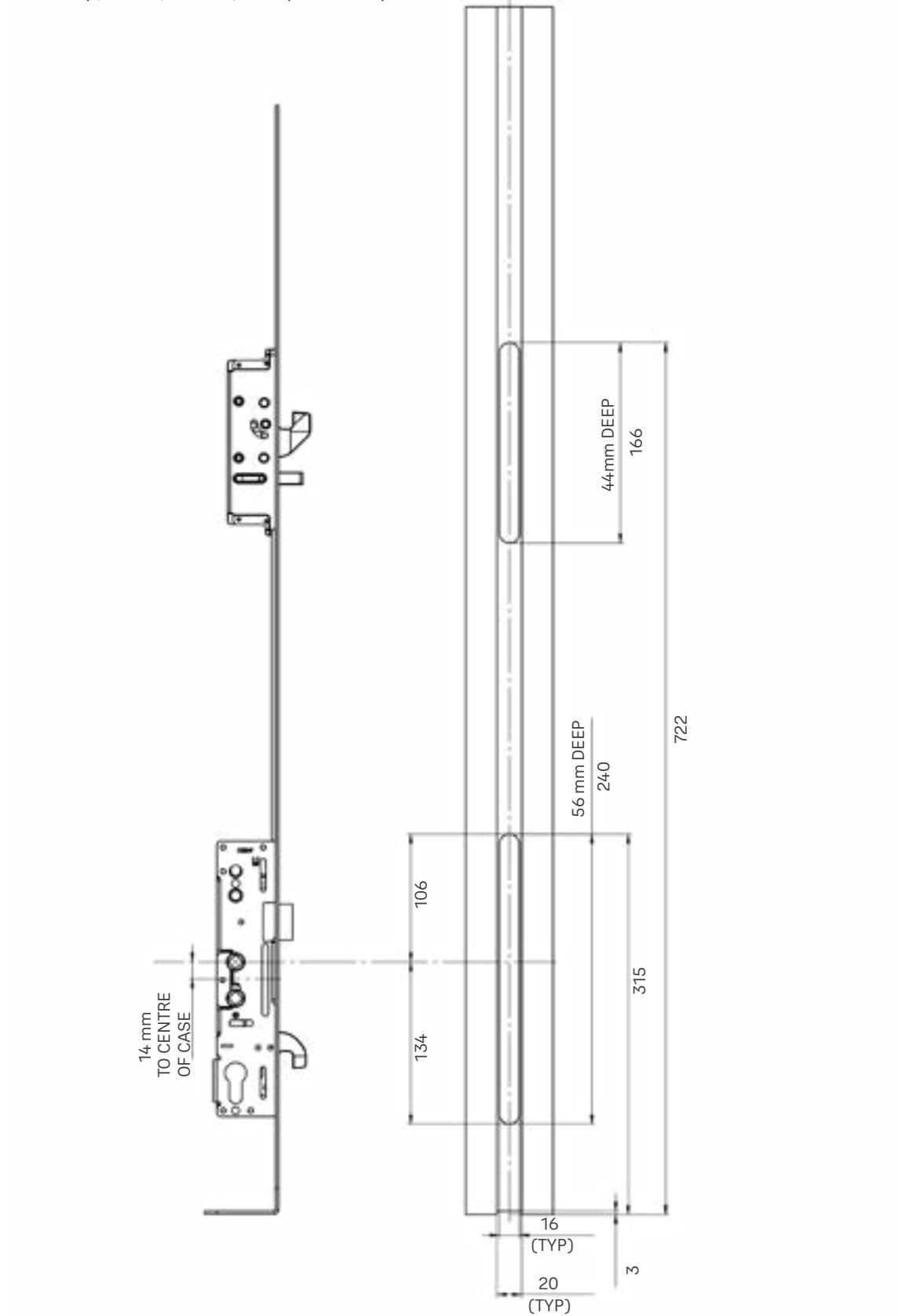
Lockmaster 21 - Routing Prep

35mm Composite Stable Door Lock

Top Lock

Part Number: YSDL005-T-35H-27

Stable Door Lock - Top, 2HAL, 35mm, Composite (Top Lock)



Lockmaster 21

35mm Composite Stable Door Lock with Adjustable Rollerbolt - Bottom Lock

Part Number: YSDL006-B-35D-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin
- 20mm extended shootbolt

Centre case

- Lockmaster Keyturn
- 35mm backset
- Deadbolt Centre
- Adjustable roller latch
- PZ92 centre case

Faceplate

- Yale branded
- 430 stainless steel
- 20mm square end faceplate

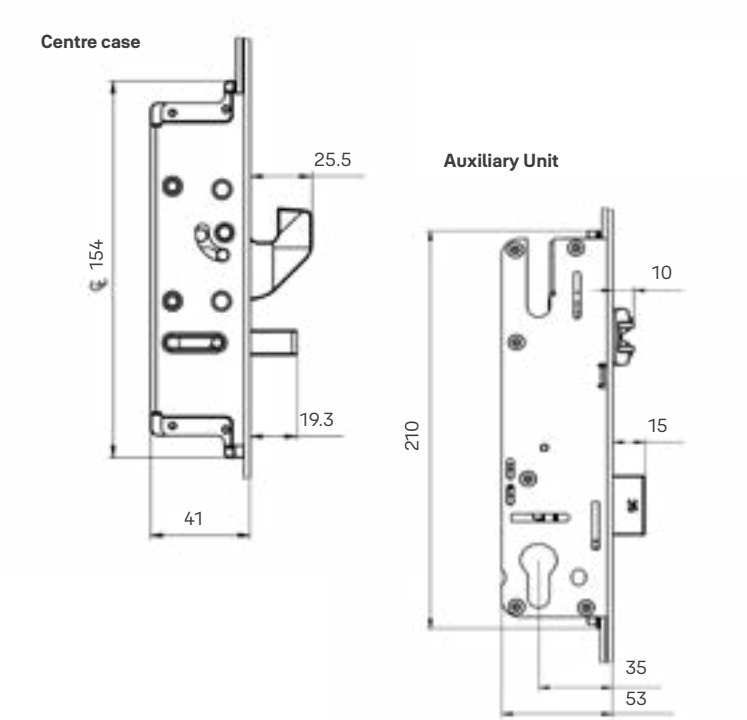
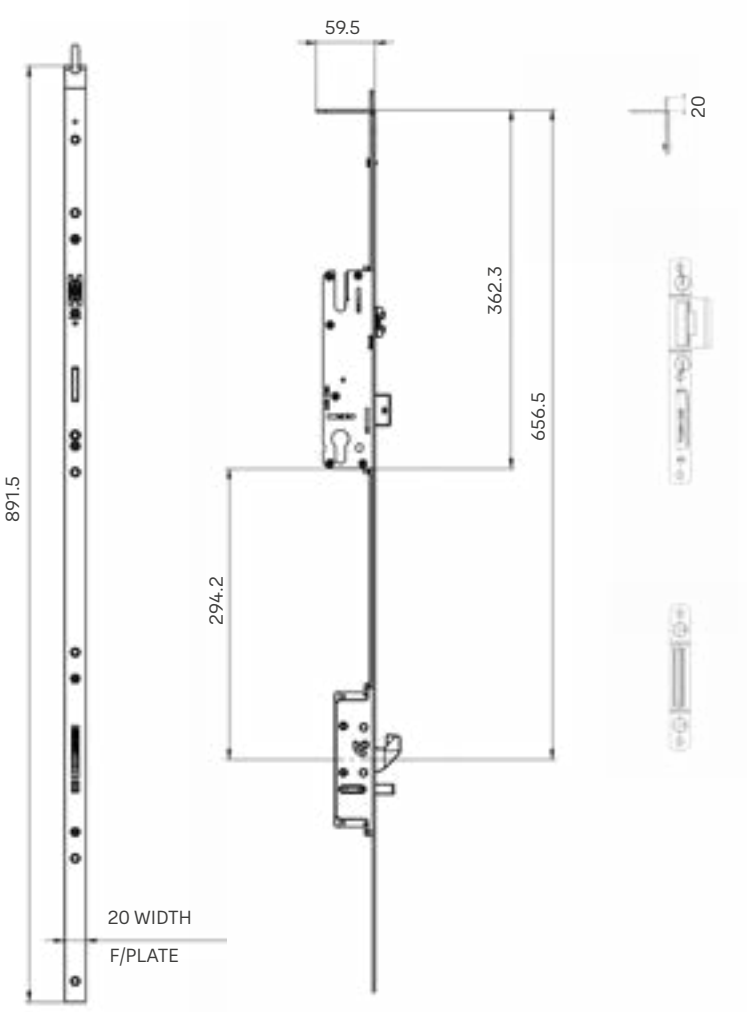
Shootbolt Guide

- 20mm radiused end 90° return to accept bottom lock shootbolt

Individual Keeps

- Fully adjustable keeps to suit top lock option

Partcode	Description
YSDL006-B-35H-27	Stable Door Lock - Bottom, 1D1HAL, 35mm, Composite (Bottom Lock)
PLK924-19	LH Centre Hook & Deadbolt Keep Composite
PLK925-19	RH Centre Hook & Deadbolt Keep Composite
PLK926-19	Composite Hook End Keep
YSDL-SG-RAD-60	Shootbolt Guide - 20mm radiused end 90° return



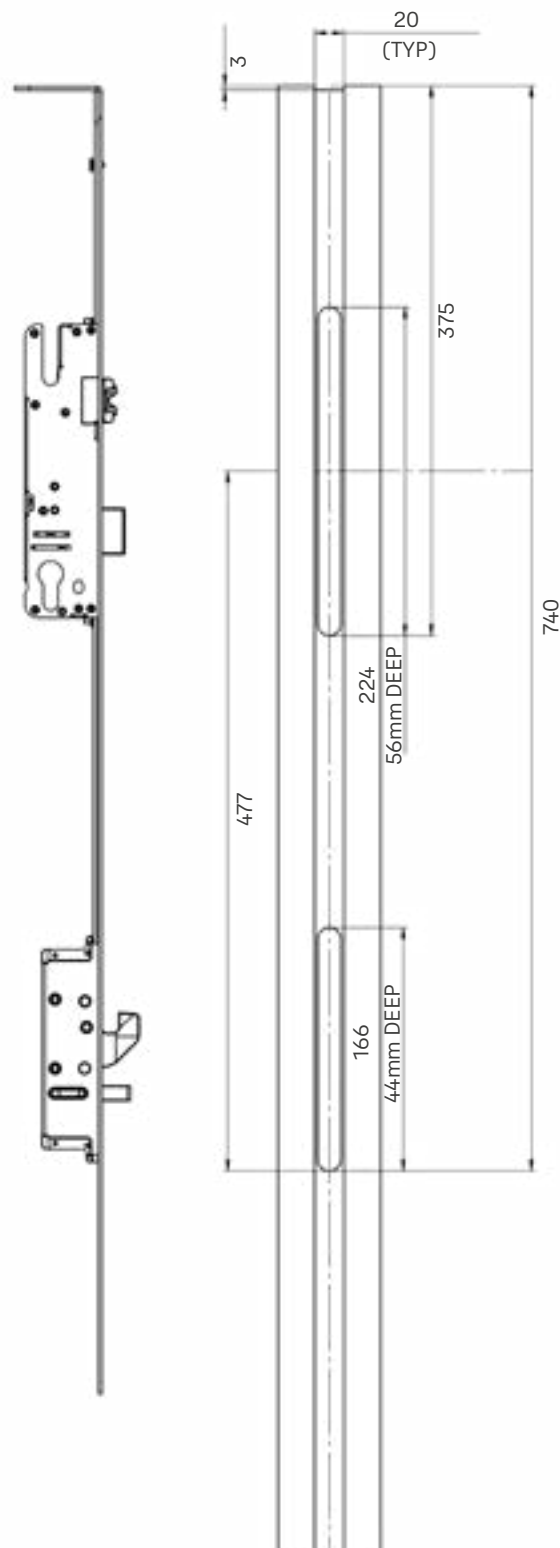
Lockmaster 21 - Routing Prep

35mm Composite Stable Door Lock with Adjustable Rollerbolt

Bottom Lock

Part Number: YSDL006-B-35D-27

Stable Door Lock - Bottom, 1D1HAL, 35mm, Composite (Bottom Lock)



Lockmaster 21

45 mm Composite Stable Door Lock - Top Lock

Part Number: YSDL005-T-45H-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin

Centre case

- Lever operated hook gearbox
- 45mm backset
- Hook Centre
- Reversible latch
- PZ92 centre case

Faceplate

- Yale branded
- 430 stainless steel
- 20mm square end faceplate

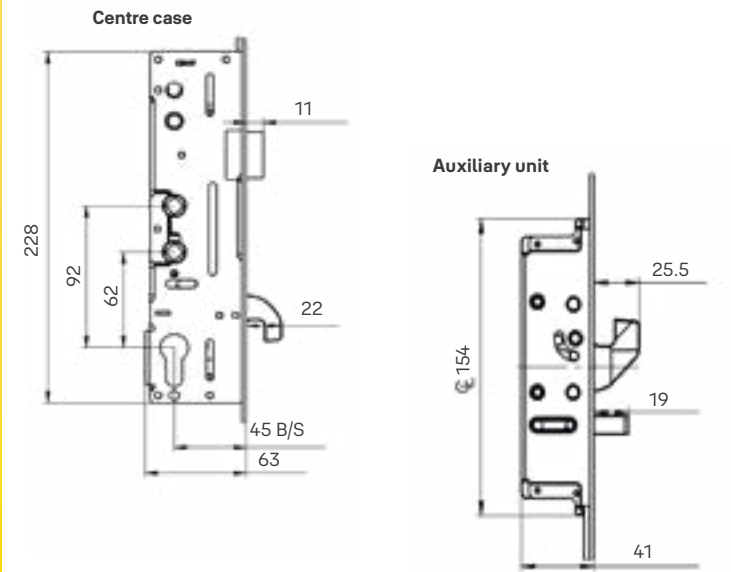
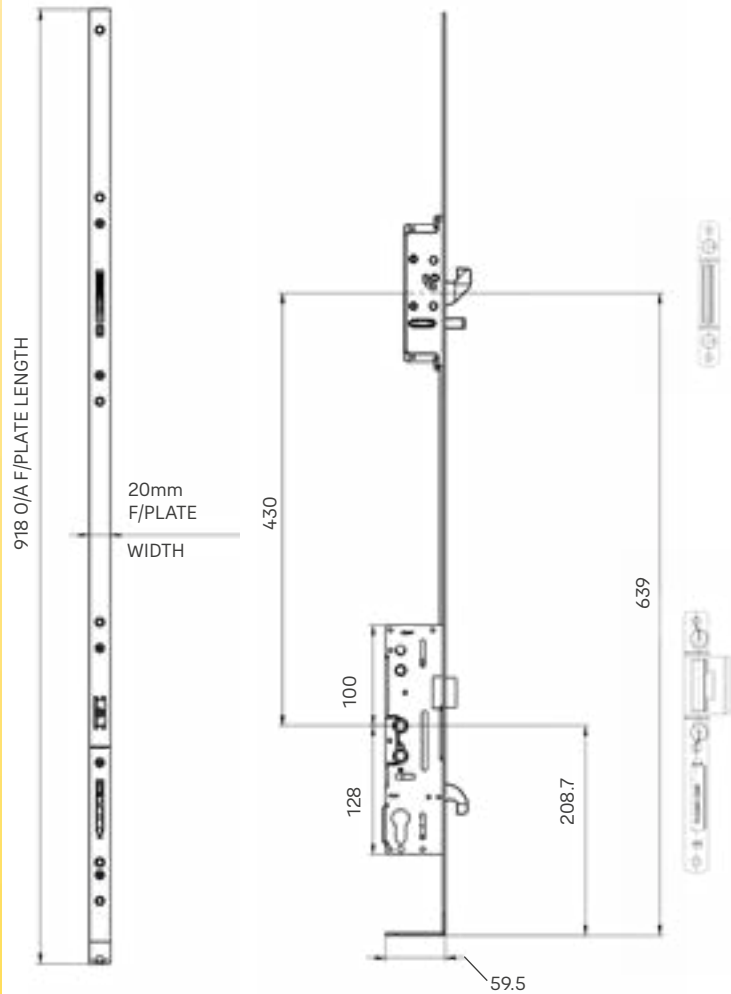
Shootbolt Guide

- 20mm radiused end 90° return to accept bottom lock shootbolt

Individual Keeps

- Fully adjustable keeps to suit top lock option

Partcode	Description
YSDL005-T-45H-27	Stable Door Lock - Top, 2HAL, 45mm, Composite (Top Lock)
PLK924-19	LH Centre Hook & Deadbolt Keep Composite
PLK925-19	RH Centre Hook & Deadbolt Keep Composite
PLK926-19	Composite Hook End Keep
YSDL-SG-RAD-60	Shootbolt Guide - 20mm radiused end 90° return



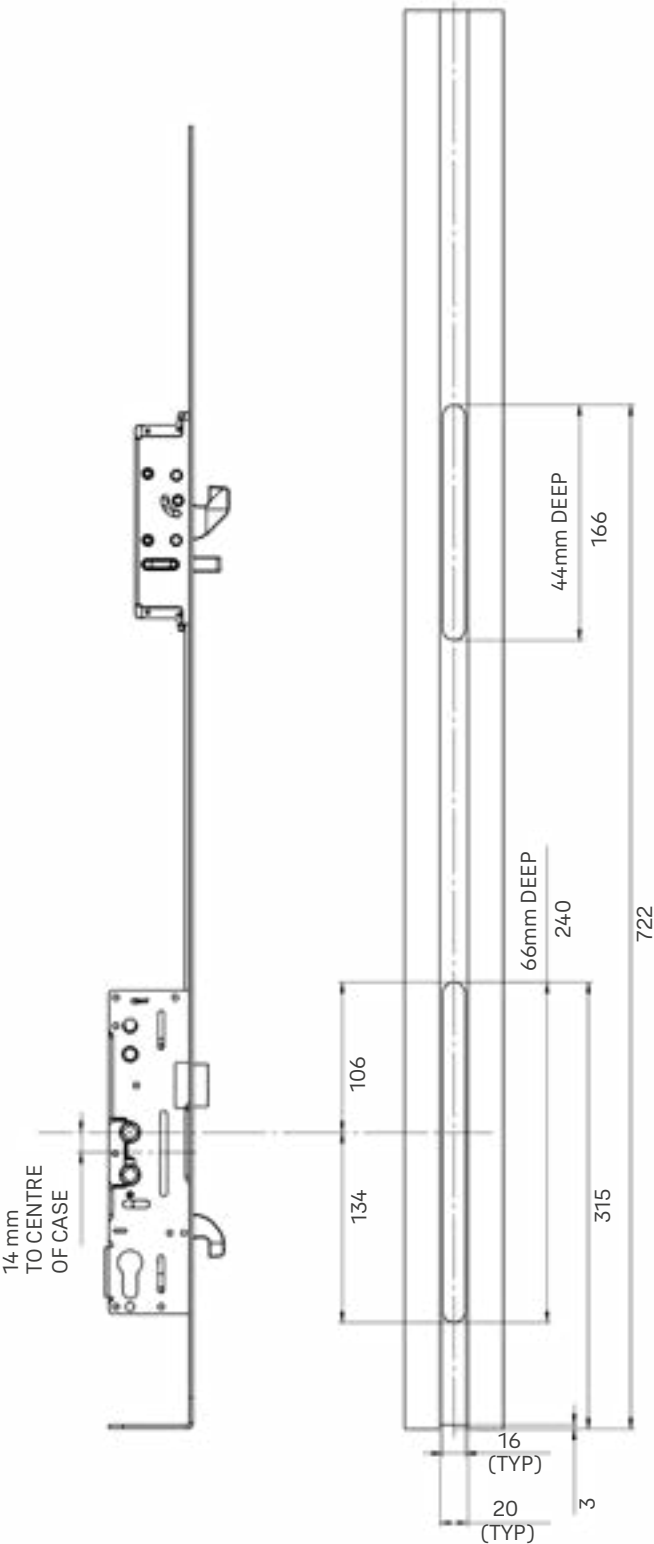
Lockmaster 21 - Routing Prep

45 mm Composite Stable Door Lock

Top Lock

Part Number: YSDL005-T-45H-27

Stable Door Lock - Top, 2HAL, 45mm, Composite (Top Lock)



Lockmaster 21

45 mm Composite Stable Door Lock with Adjustable Rollerbolt - Bottom Lock

Part Number: YSDL006-B-45D-27

Auxiliary unit

- Lockmaster signature hook and anti-lift pin
- 20mm extended shootbolt

Centre case

- Lockmaster Keyturn
- 45mm backset
- Deadbolt Centre
- Adjustable roller latch
- PZ92 centre case

Faceplate

- Yale branded
- 430 stainless steel
- 20mm square end faceplate

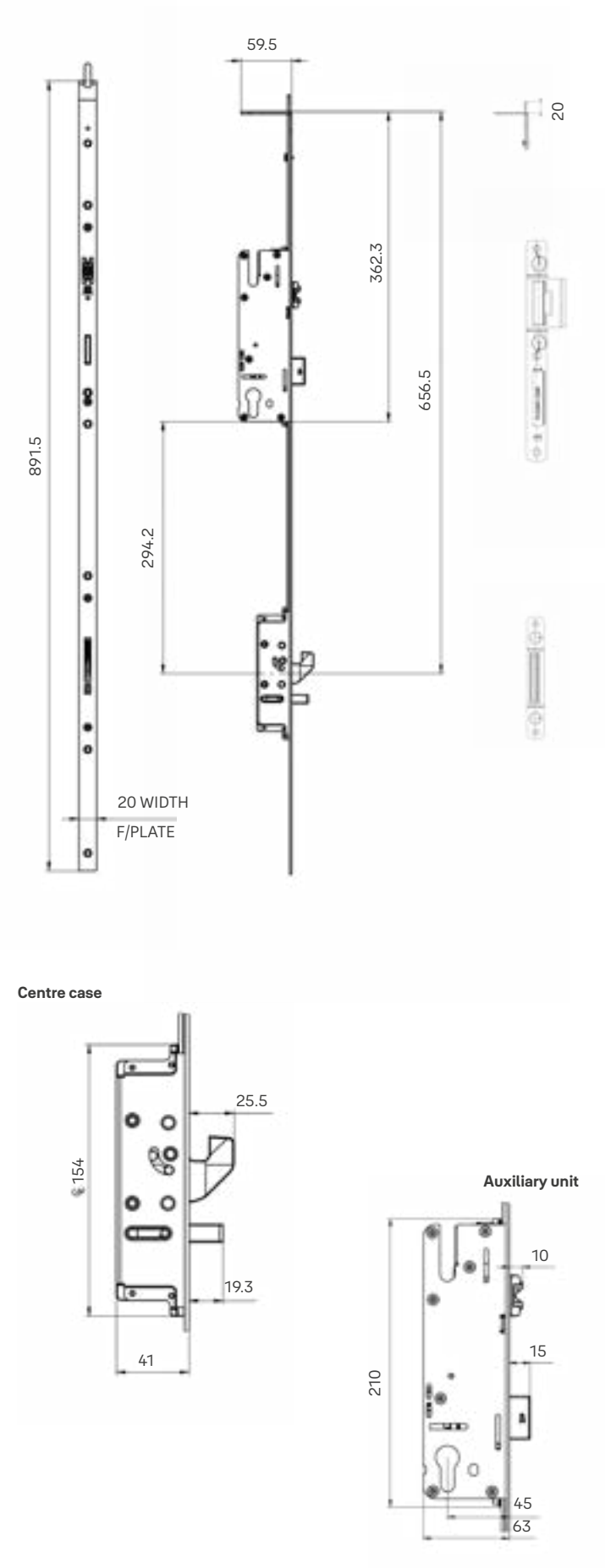
Shootbolt Guide

- 20mm radiused end 90° return to accept bottom lock shootbolt

Individual Keeps

- Fully adjustable keeps to suit top lock option

Partcode	Description
YSDL006-B-45D-27	Stable Door Lock - Bottom, 1D1HAL, 45mm, Composite (Bottom Lock)
PLK924-19	LH Centre Hook & Deadbolt Keep Composite
PLK925-19	RH Centre Hook & Deadbolt Keep Composite
PLK926-19	Composite Hook End Keep
YSDL-SG-RAD-60	Shootbolt Guide - 20mm radiused end 90° return



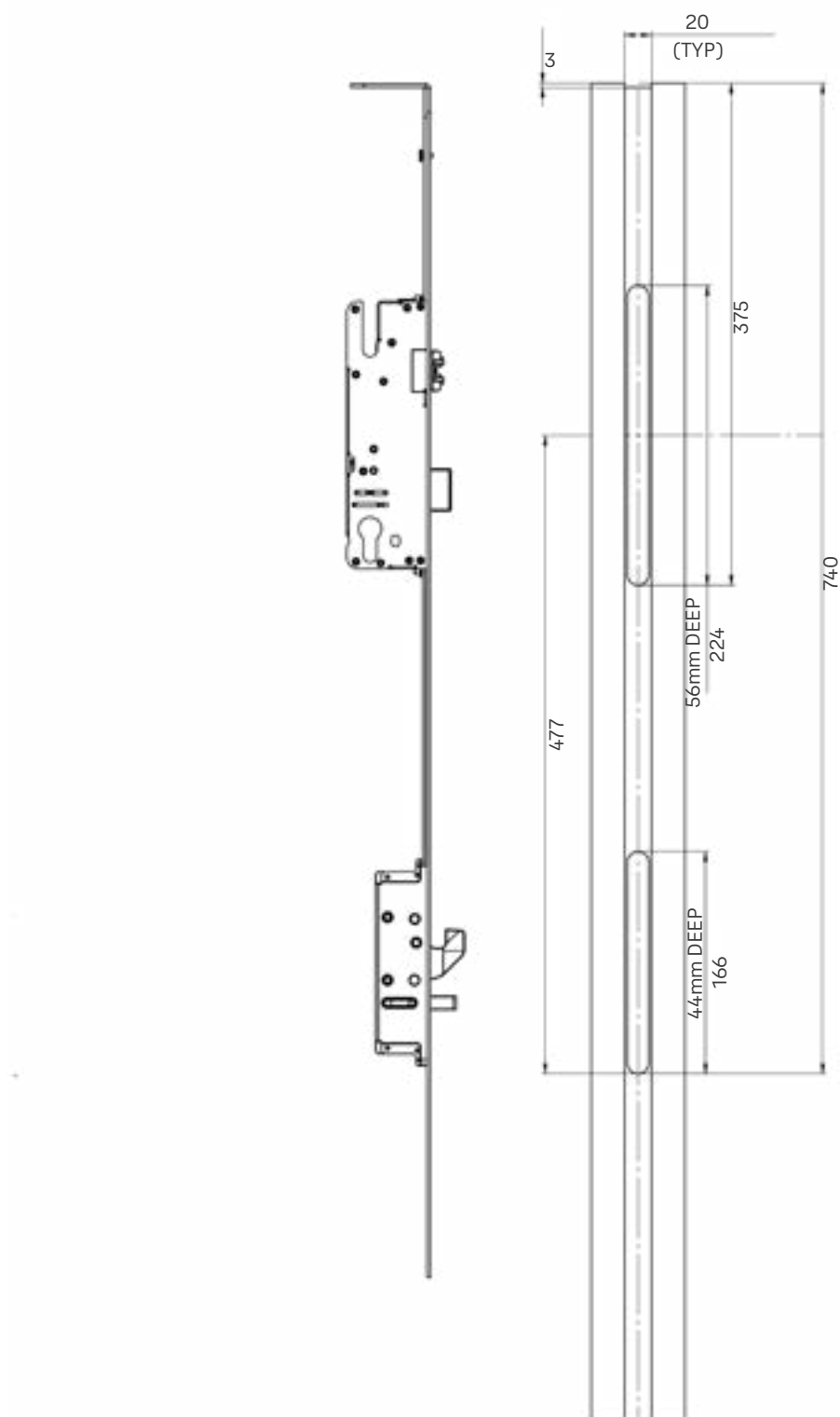
Lockmaster 21 - Routing Prep

45 mm Composite Stable Door Lock with Adjustable Rollerbolt

Bottom Lock

Part Number: YSDL006-B-45D-27

Stable Door Lock - Bottom, 1D1HAL 45mm, Composite – 20mm shootbolt



Lockmaster 21 Stable Door Lock

Roller Latch Adjustment

To adjust the roller latch for optimal performance, insert a 2mm hex key into the hole in the centre of the gearbox and rotate the hex key clockwise or anti-clockwise as required.

The recommended airgap is 3-5mm



Maintenance

Yale recommends that all moving components are lubricated using a non-acidic mineral oil at least twice a year and surface cleaned with a damp cloth. The product may need to be adjusted to ensure satisfactory operation.

THE YALE BRAND

Yale is trusted by millions of people everyday to keep what's important to them safe. Our innovations have protected their homes, families and belongings for over 180 years.

We have expanded from being a leader in mechanical lock engineering to innovating connected smart locks and homes.

Because we always make every effort to push the boundaries in a changing world. We were there for your grandparents (and probably theirs) and we'll be there for your children. Today, and every day to come.

Yale DWS

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Version 1.3 November 2023
ASSA ABLOY©

This installation guide is to be used in conjunction with the following partcodes: YDSL***, YLKSD13-*** and PLK***

Due to a continuous programme of development the company reserves the right to make alterations without notice. (Products which are not a stocked item will be subject to a longer lead time which needs to be agreed with your Yale representative).

Part of ASSA ABLOY