



**Roto DoorSafe**

**DoorSafe MV D500**

Parts Catalogue

for 1 Piece Door Locks



# DoorSafe MV D500

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#### ROTONor

Smooth gold finish on visible hardware components.



#### ROTOsil

Smooth silver-matt finish on visible hardware components.

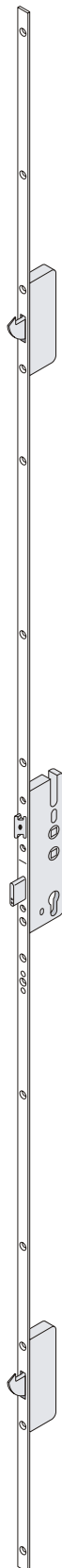
# DoorSafe MV D500

## Split spindle

## 2 hooks (v3)

### ROTOsil coating

B'set (mm)	Faceplate length	Part Number
35	2200 mm	<b>391686</b>
45	2200 mm	<b>451218</b>



This MV D500, one piece door lock consists of the main lock and two hooks top and bottom. The centre lock is operated via a lever / lever handle which engages the locking points and throws the deadbolt, when lifted. The whole mechanism is then deadlocked by turning the key in the profile cylinder.

### Additional information

- Finish: RotoSil, which imparts a smooth silver-matt finish on visible hardware components.  
BS EN 1670:1997 Part 5.6 Class 4 certified.
- Lock centre features a slot to accommodate a wider range of handles.
- Sliding "snib" on the central gearbox enables latch to be held in the retracted position.
- Lifting the lever throws the hooks and central deadbolt simultaneously; a single turn of the key then deadlocks the mechanism.
- The central deadbolt is reinforced by two tempered steel pins, enabling it to resist sawing.
- Has formed part of a door set independently tested and certified to **BS PAS 23 / 24**.
- Secured by Design approval.



POLICE PREFERRED SPECIFICATION

SRH 1900-2200 mm  
Handle height 1020mm

## Single spindle 2 pin bolts



### ROTONor coating

B'set (mm)	Faceplate length	Part Number
35	2200 mm	<b>337818</b>
55	2200 mm	<b>337820</b>

### ROTOsil coating

B'set (mm)	Faceplate length	Part Number
35	2200 mm	<b>337822</b>
45	2200 mm	<b>337823</b>
55	2200 mm	<b>337824</b>

This MV D500, one piece door lock consists of the main lock and two pin bolts top and bottom. The centre lock is operated via a lever / lever handle which engages the locking points and throws the deadbolt, when lifted. The whole mechanism is then deadlocked by turning the key in the profile cylinder.

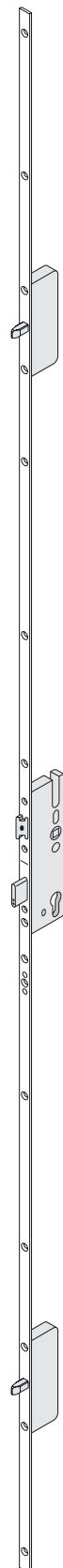
### Additional information

- 16 mm faceplate width
- 2 mm faceplate thickness
- 20 mm travel in the drive train
- Maximum fastener diameter 4.3 mm
- All visible surfaces are protective coated with either RotoNor (gold) or RotoSil (silver) finishes
- Surface protection with ROTOsil & ROTOsil meets the requirements of the following:

**BS 7479**

**BS EN 12329:2000**

**BS EN 1670:1998 Part 5.6, Class 4**



**SRH 1900-2200 mm**  
Handle height **1020mm**

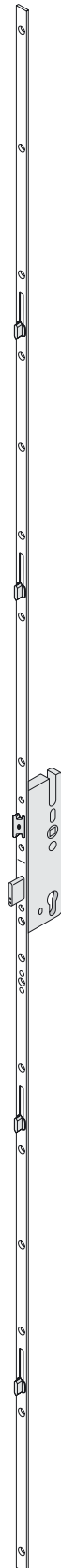
# DoorSafe MV D500

## Single spindle

### 4 compression cams

#### ROTONor coating

B'set (mm)	Faceplate length	Part Number
35	2200 mm	<b>337811</b>
45	2200 mm	<b>337812</b>
55	2200 mm	<b>337813</b>



This MV D500 one piece door lock consists of the main lock and four compression cams. The centre lock is operated via a lever / lever handle which engages the compression points and throws the deadbolt, when lifted. The whole mechanism is then deadlocked by turning the key in the profile cylinder.

#### Additional information

- 16 mm faceplate width
- 2 mm faceplate thickness
- 20 mm travel in the drive train
- Maximum fastener diameter 4.3 mm
- All visible surfaces are protective coated with a unique ROTO nor finish
- Surface protection with ROTO nor meets the requirements of the following:

**BS 7479**

**BS EN 12329: 2000**

**BS EN 1670:1998 Part 5.6, Class 4**

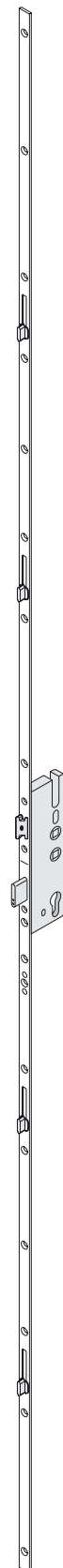
**SRH 1900-2200 mm**  
**Handle height 1020mm**

## Split spindle 4 compression cams



### ROTONor coating

B'set (mm)	Faceplate length	Part Number
35	2200 mm	337815



This MV D500, one piece door lock consists of the main lock and four compression cams. The centre lock can be operated via a lever / moveable pad or a lever / lever handle. The advantage of using the lever moveable pad is that it utilises a second spindle allowing normal internal operation but preventing external operation except by the profile cylinder key. Once locked the external pad returns to the horizontal position.

### Additional information

- 16 mm faceplate width
- 2 mm faceplate thickness
- 20 mm travel in the drive train
- Maximum fastener diameter 4.3 mm
- All visible surfaces are protective coated with a unique ROTO nor finish
- Surface protection with ROTO nor meets the requirements of the following:

**BS 7479**

**BS EN 12329: 2000**

**BS EN 1670:1998 Part 5.6, Class 4**

SRH 1900-2200 mm  
Handle height 1020mm

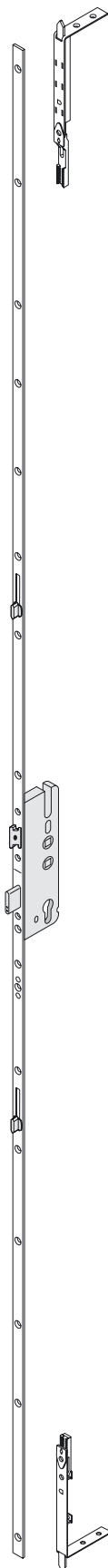
# DoorSafe MV D500

## Split spindle

### 2 compression cams & teeth

#### ROTONor coating

B'set (mm)	Faceplate length	Part Number
35	1865 mm	<b>337897</b>



This MV D500, one piece door lock consists of the main lock, two compression cams and teeth located top & bottom. The centre lock can be operated via a lever / moveable pad or a lever / lever handle. The advantage of using the lever moveable pad is that it utilises a second spindle allowing normal internal operation but preventing external operation except by the profile cylinder key. Once locked the external pad returns to the horizontal position.

#### Additional information

- 16 mm faceplate width
- 2 mm faceplate thickness
- 20 mm travel in the drive train
- Maximum fastener diameter 4.3 mm
- All visible surfaces are protective coated with a unique ROTO nor finish
- Surface protection with ROTO nor meets the requirements of the following:

**BS 7479**

**BS EN 12329: 2000**

**BS EN 1670:1998 Part 5.6, Class 4**

Additional shootbolt connections  
with a faceplate length of 135 mm

**Standard shootbolt** 243009  
(shown - bottom)

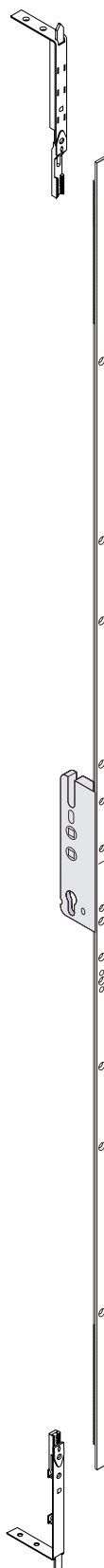
**Reverse action shootbolt** 243008  
(shown - top)

SRH (including shootbolts) **1735-2135 mm**  
Handle height **1020mm**

# Lever operated French door - passive side

## ROTONor coating

B'set (mm)	Faceplate length	Part Number
35	1865 mm	364414



This door lock is made especially for the passive side of a pair of french doors. It fits behind the floating mullion, allowing shootbolts to be thrown via a handle.

## Additional information

- 16 mm faceplate width
- 2 mm faceplate thickness
- 20 mm travel in the drive train
- Maximum fastener diameter 4.3 mm
- All visible surfaces are protective coated with a unique ROTO nor finish
- Surface protection with ROTO nor meets the requirements of the following:

**BS 7479**

**BS EN 12329: 2000**

**BS EN 1670:1998 Part 5.6, Class 4**

SRH (including shootbolts) **1735-2135 mm**  
Handle height **1020mm**

# DoorSafe MV D500

## Finger operated French door - passive side

### ROTONor coating

B'set (mm)	Faceplate length	Part Number
-	1865 mm	337887

This door lock is made especially for the passive side of a pair of french doors that have opposing eurogrooves. This is a reverse action, lever operated lock with teeth top and bottom allowing shootbolts to be fitted.

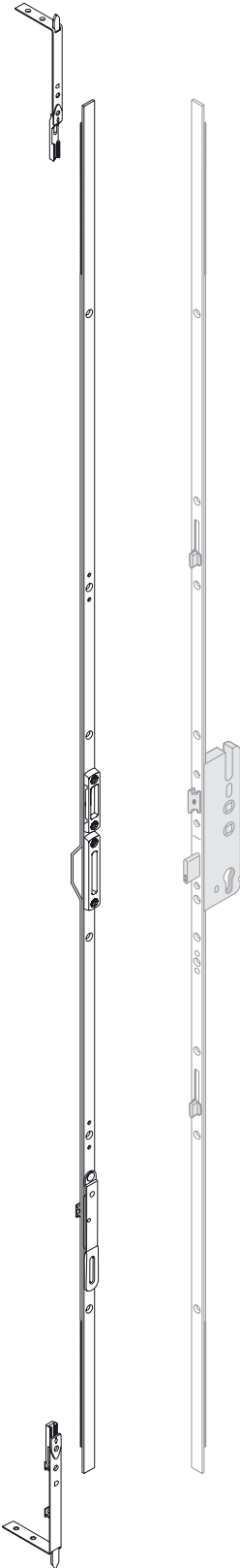
### Additional information

- 16mm faceplate width
- 2mm faceplate thickness
- 20mm travel in the drive train
- Reverse action
- Maximum fastener diameter 4.3mm
- All visible surfaces are protective coated with a unique ROTO nor finish
- Surface protection with ROTO nor meets the requirements of the following:

**BS 7479**

**BS EN 12329: 2000**

**BS EN 1670:1998 Part 5.6, Class 4**



Additional shootbolt connections with a faceplate length of 135mm

**Standard shootbolt** **243009**  
(shown - top and bottom)

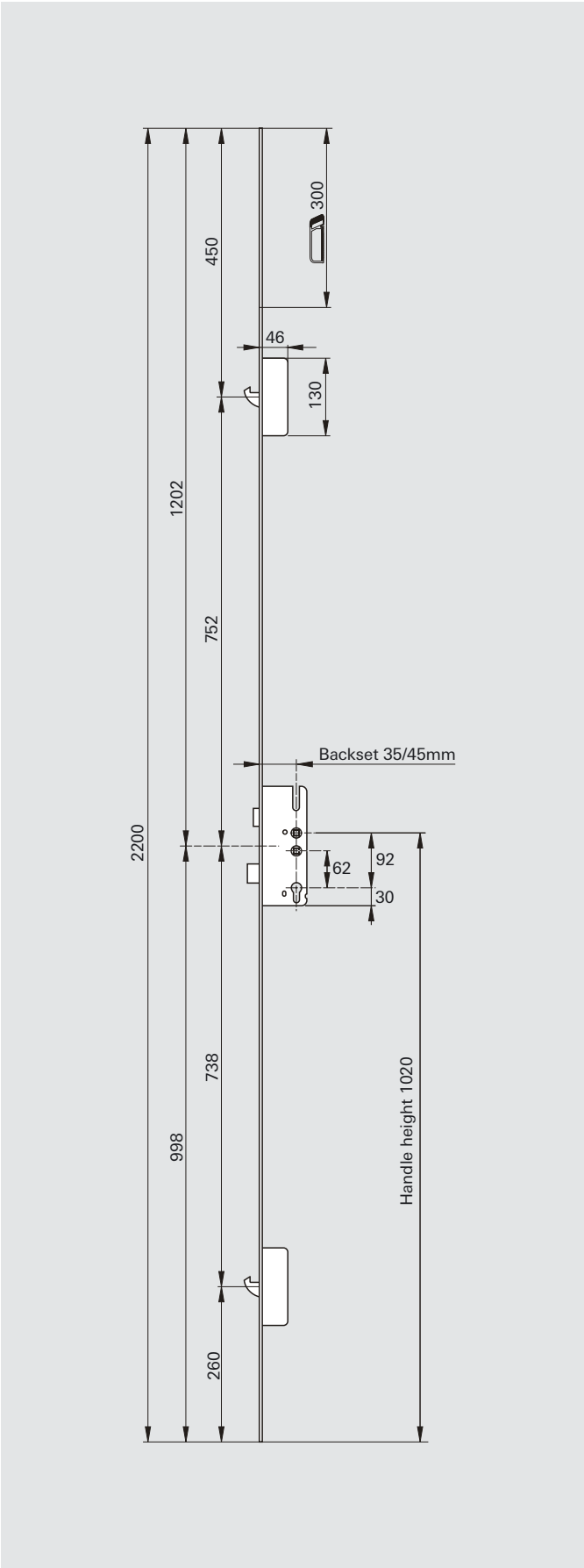
SRH (including shootbolts) **1735-2135 mm**  
Handle height **1020mm**



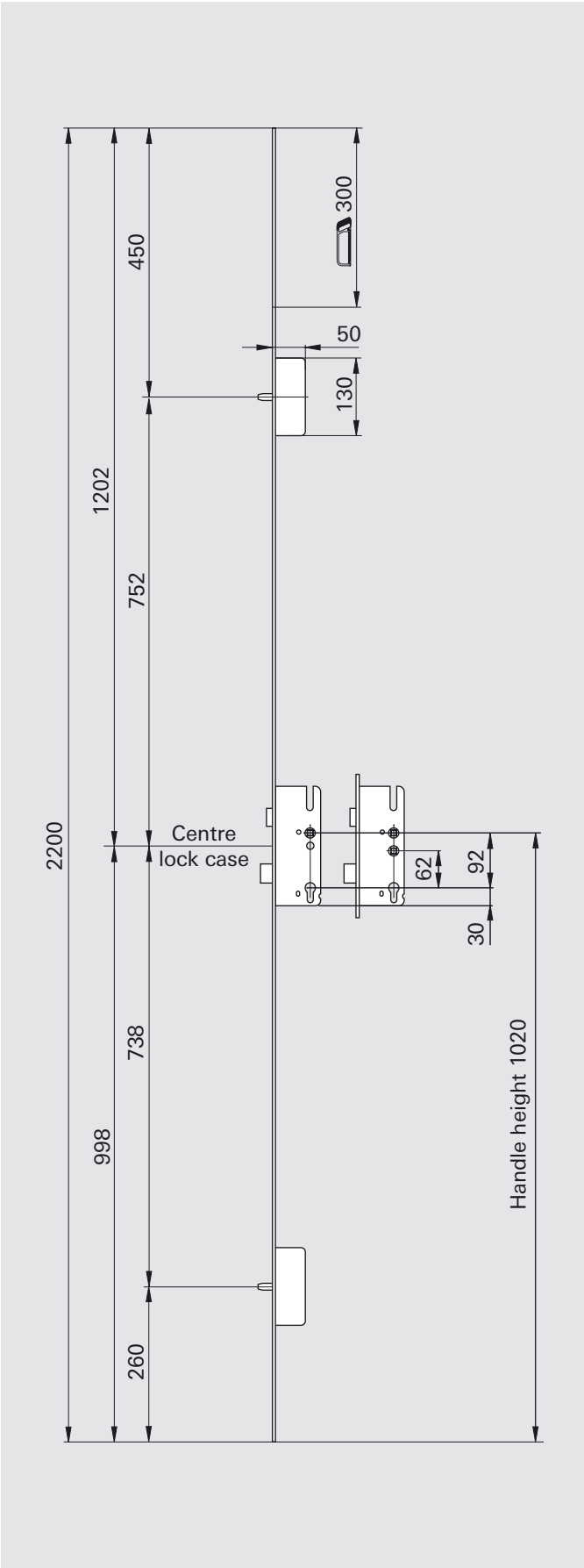
# DoorSafe MV D500

## Technical details

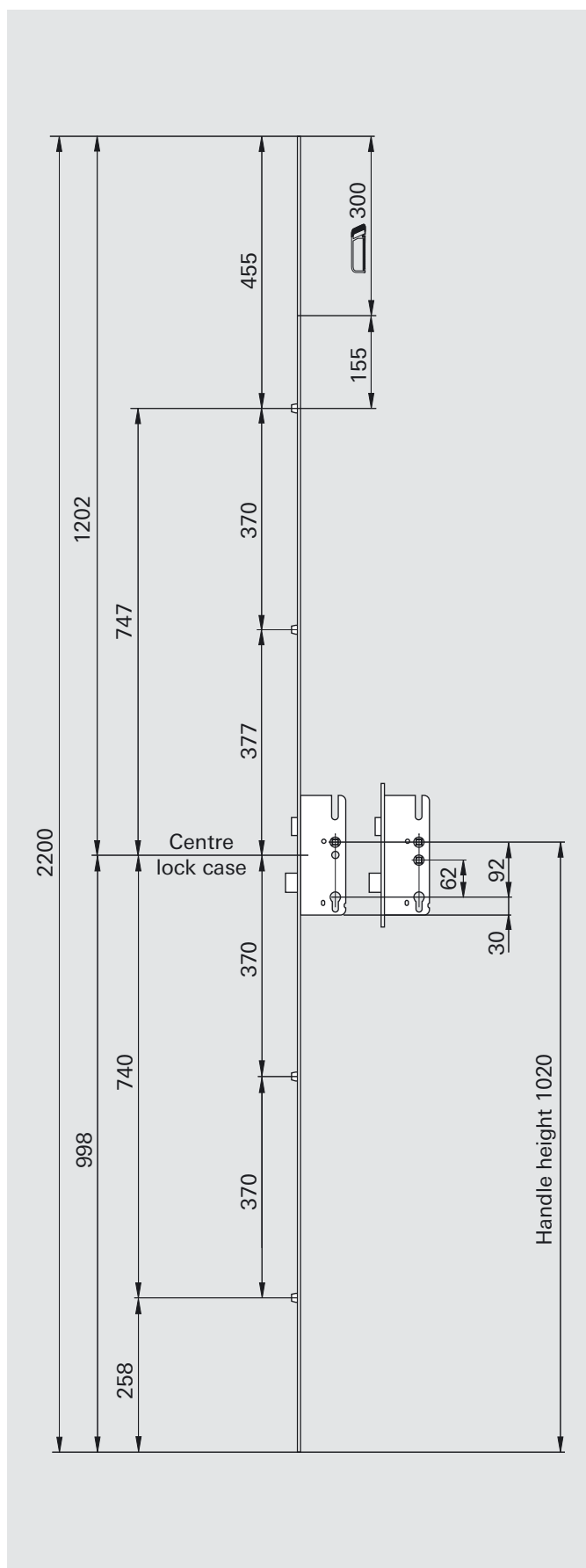
2 hooks (v3)



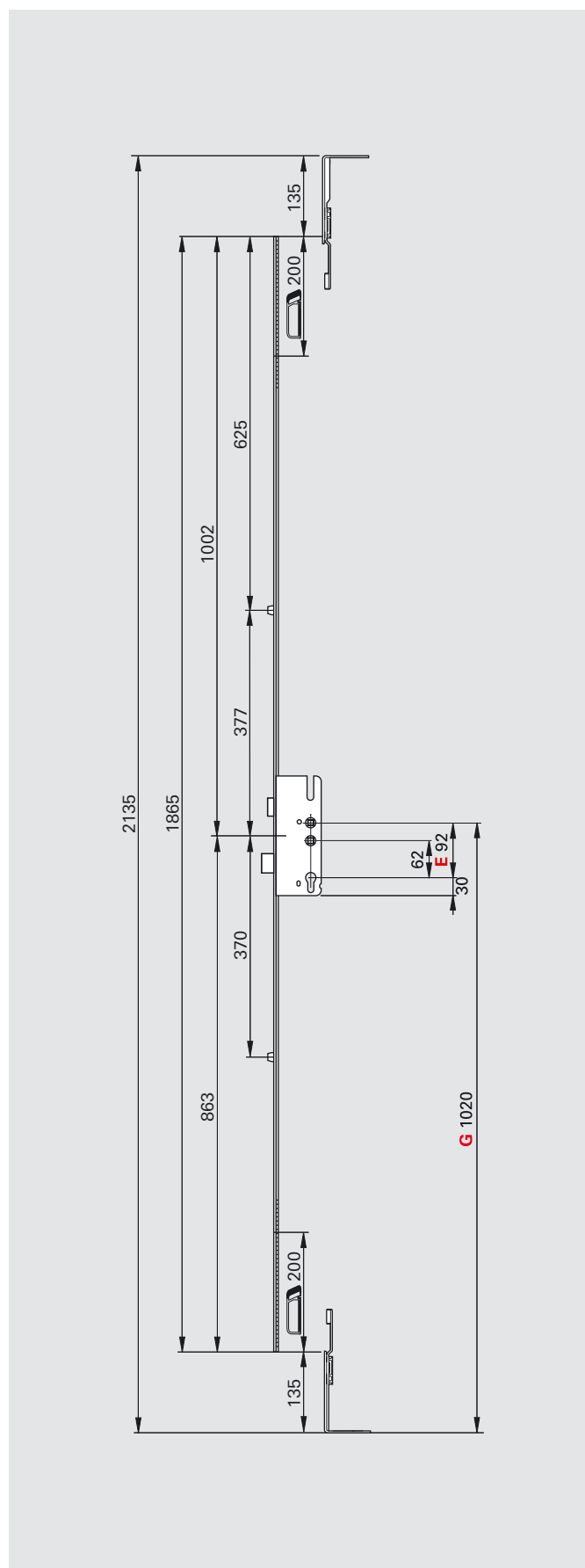
2 pin bolts



#### 4 compression cams



#### 2 compression cams & teeth

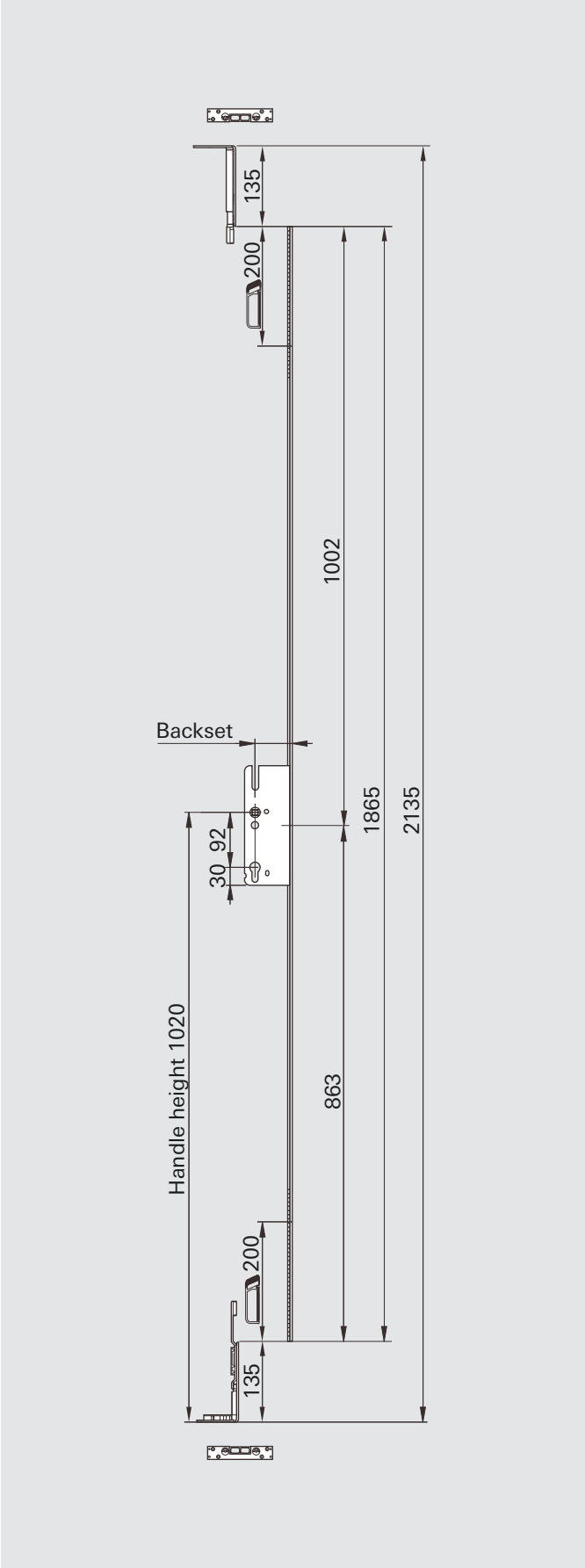


# DoorSafe MV D500

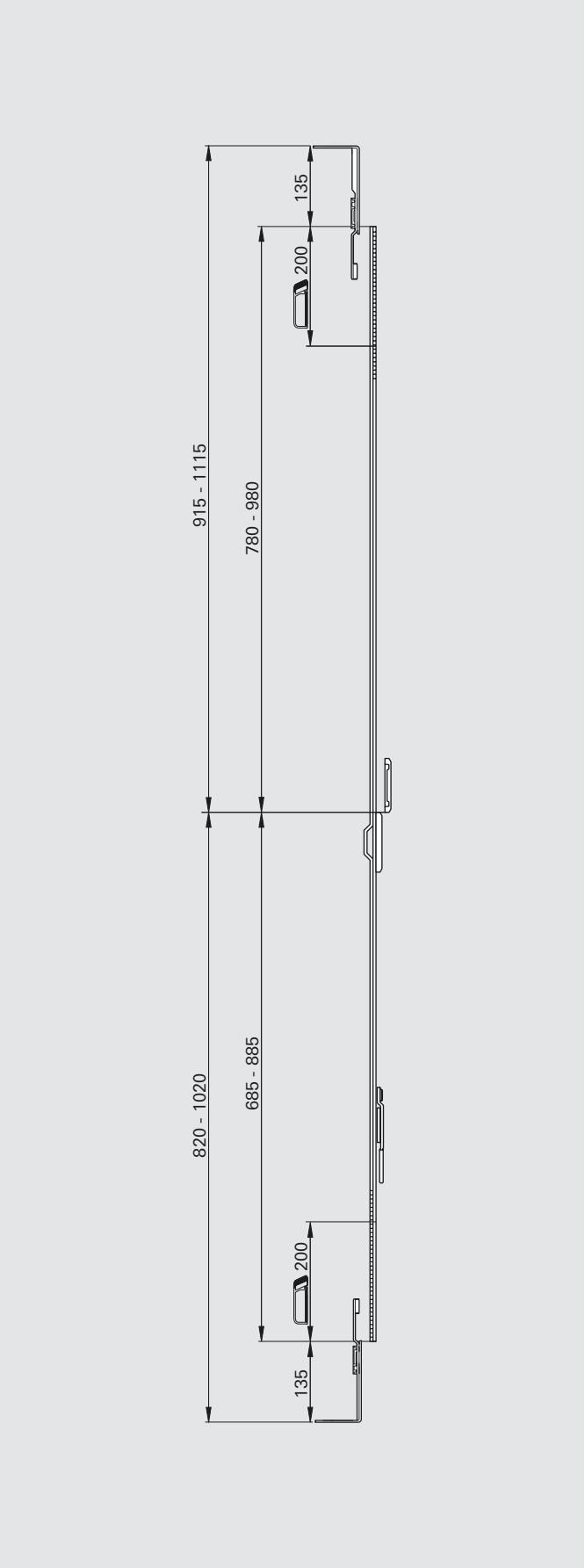
## French door

### Technical details

Lever operated French door - passive side



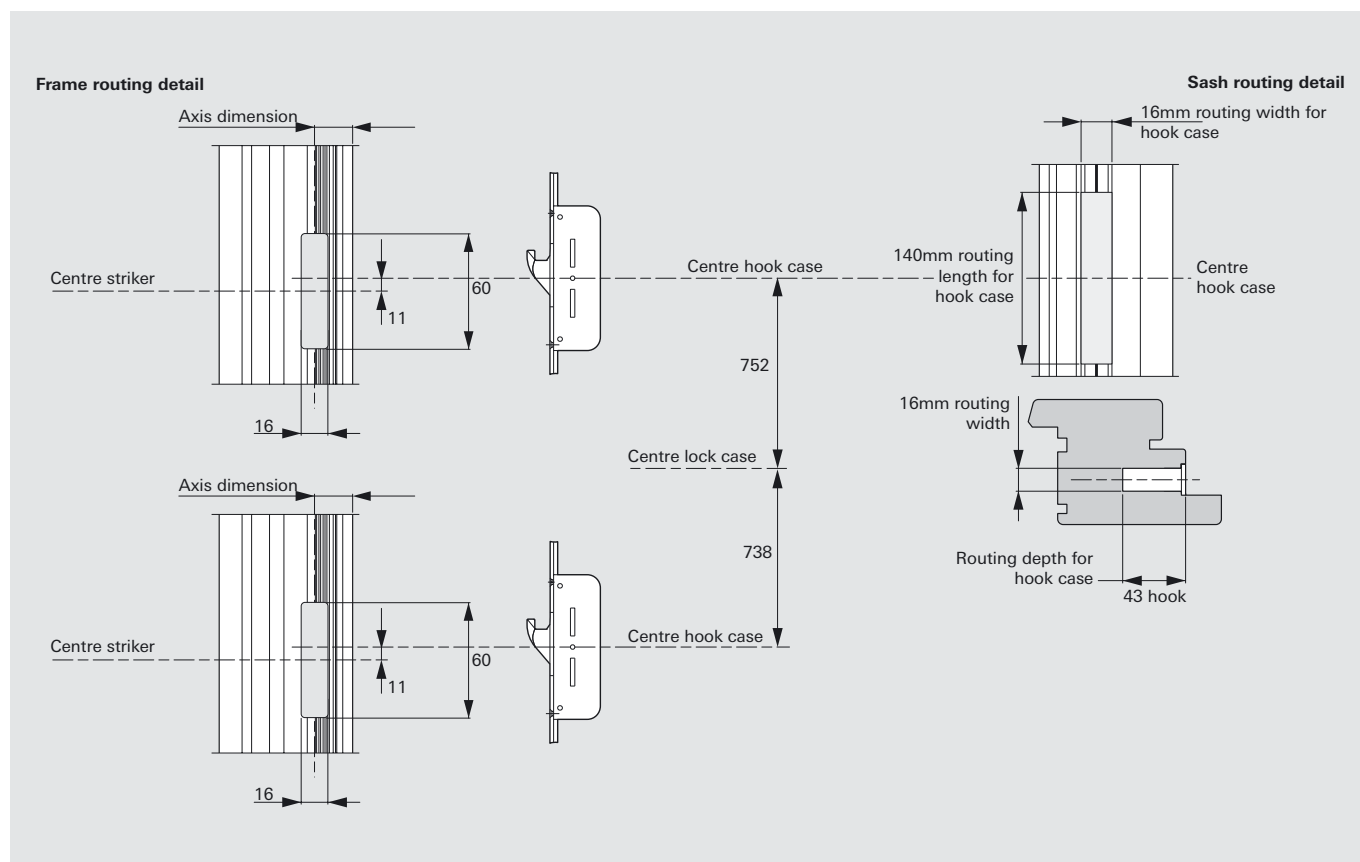
Finger operated French door - passive side



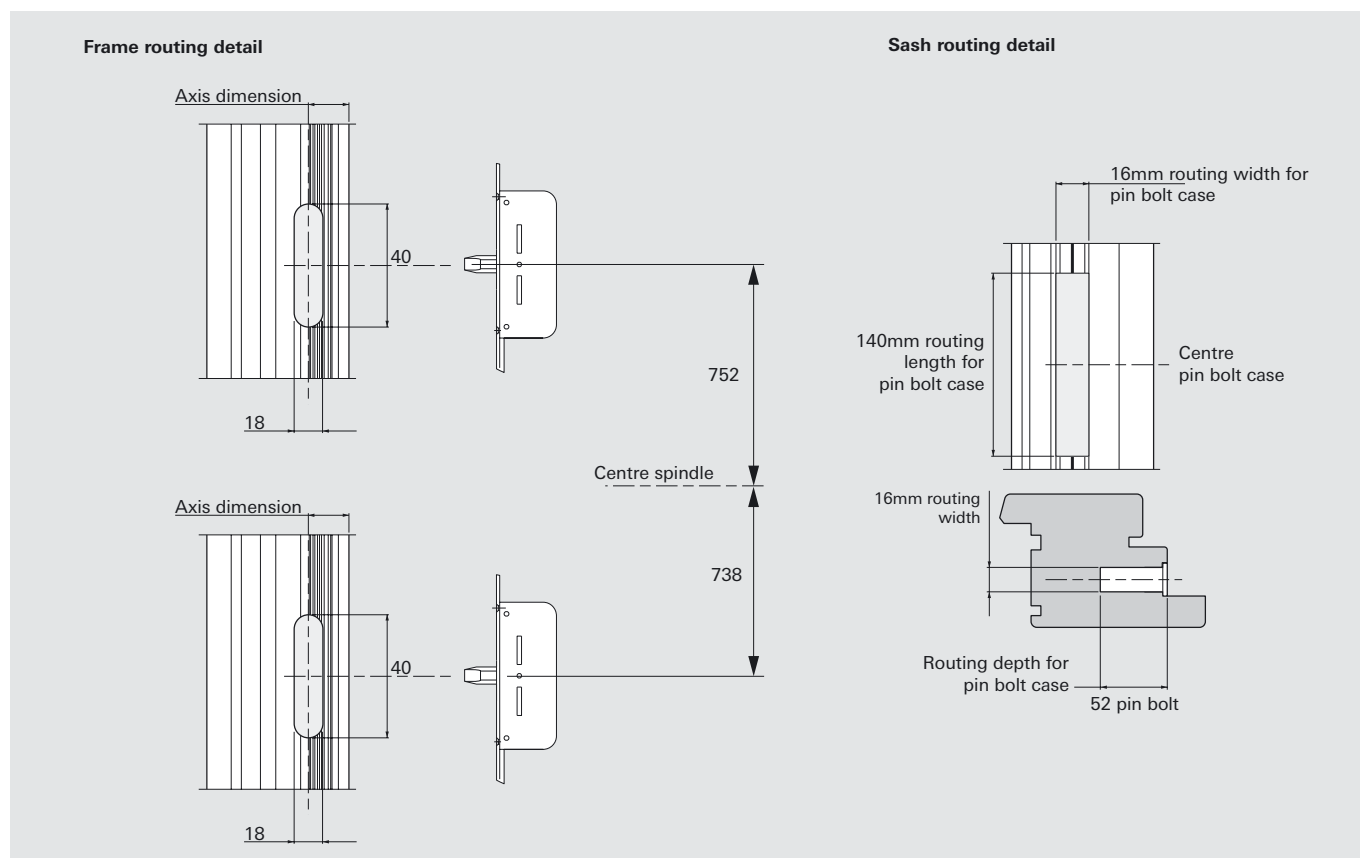
# Hook & Pin Routing details



## Hook case routing details



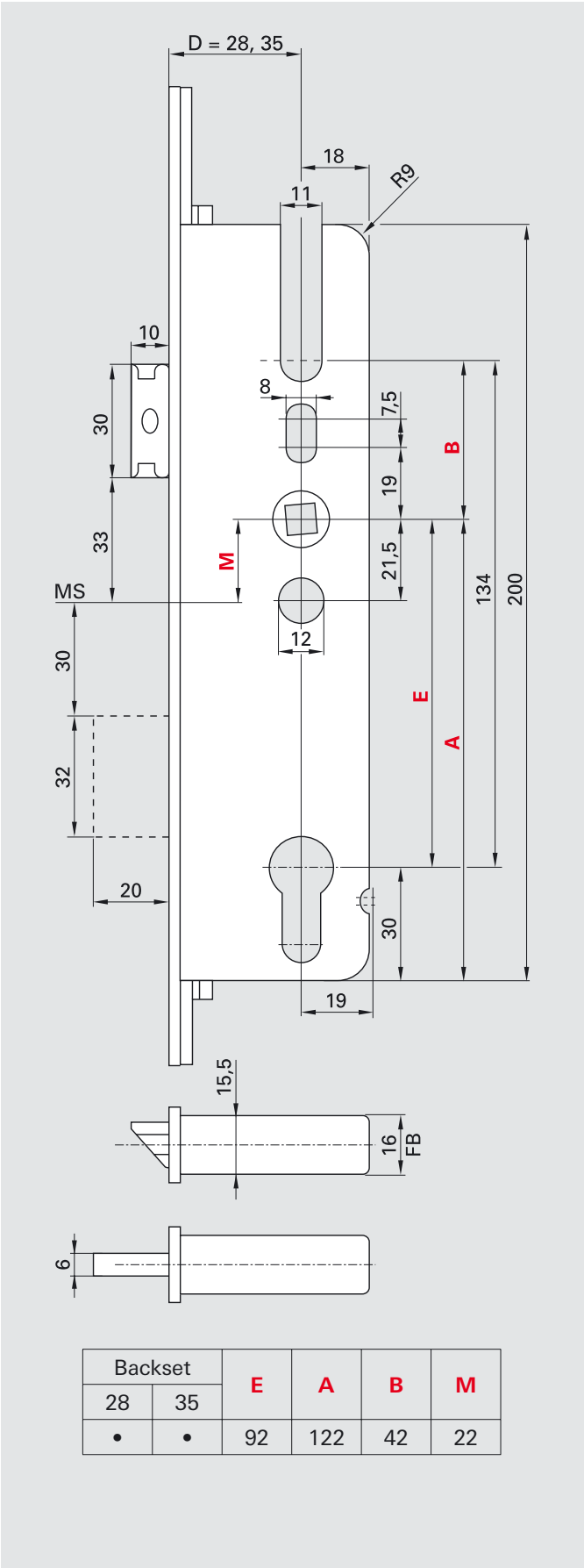
## Pin bolt case routing details



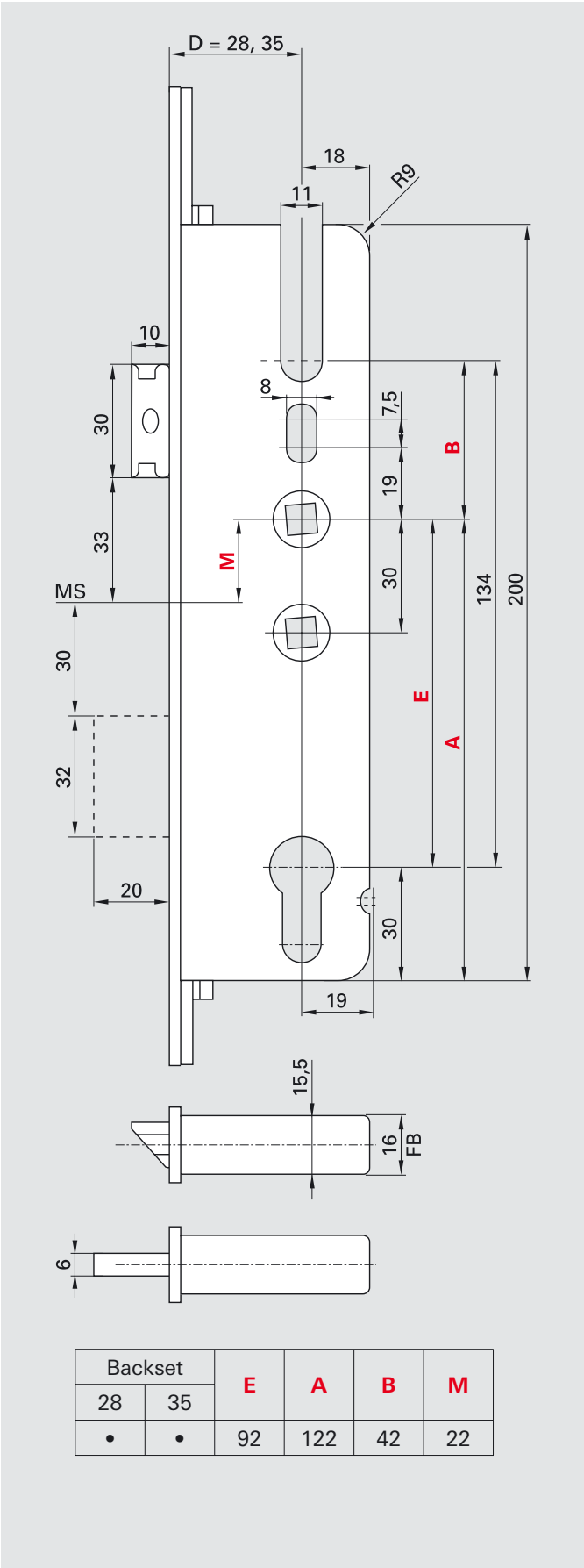
# DoorSafe MV D500

## Technical details

Standard lock



Split spindle lock

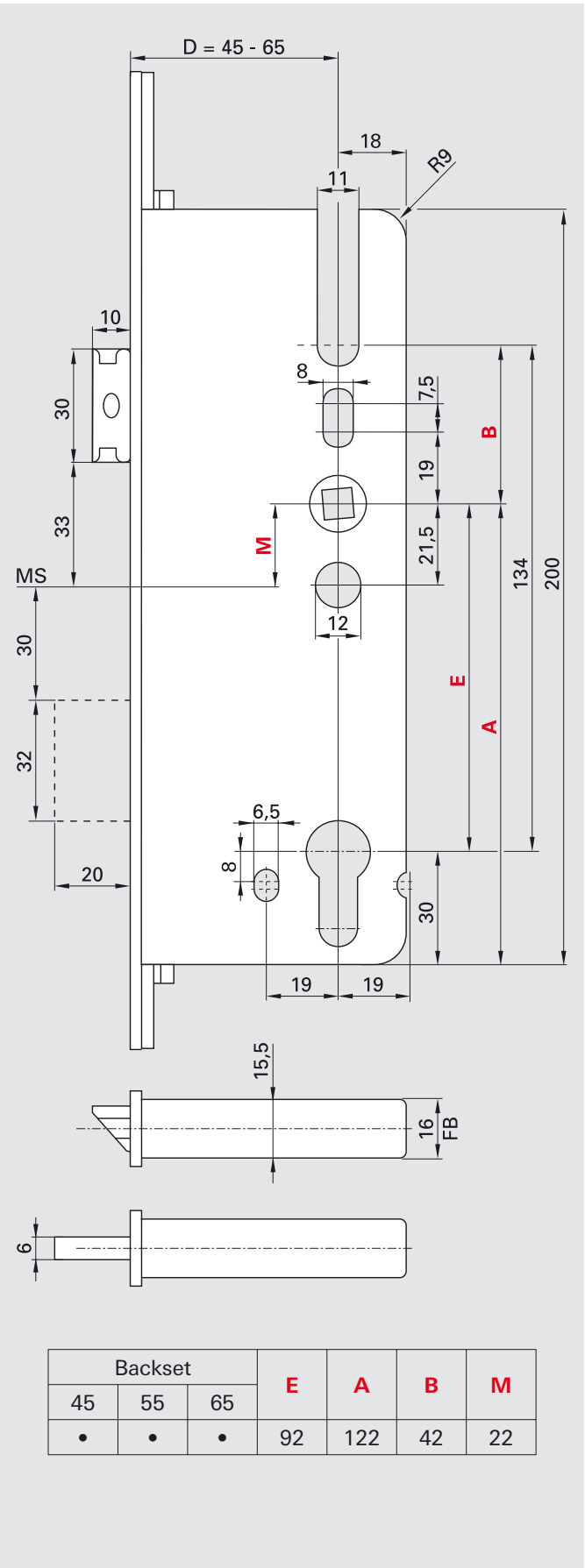


# DoorSafe MV D500

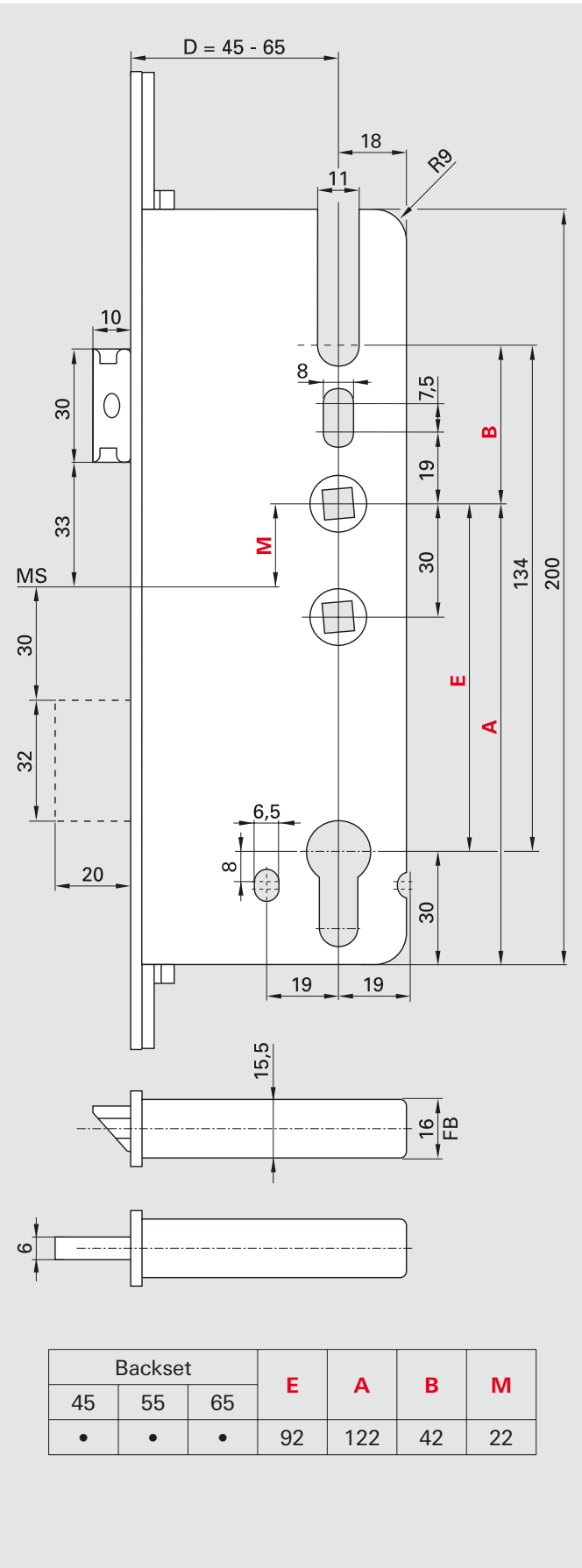
## Technical details



Standard lock



Split spindle lock



# DoorSafe MV D500

## Notes





**Roto Frank Ltd**

Swift Point • Rugby • Warwickshire • CV21 1QH

Telephone: 01788 558600 • Facsimilie: 01788 558605

E-Mail: [uk\\_sales@roto-frank.com](mailto:uk_sales@roto-frank.com) • Internet: [www.roto-frank.co.uk](http://www.roto-frank.co.uk)