



INDUSTRIAS **TORRES**  
SISTEMAS DE PVC



**Roto DoorSafe**

**DoorSafe MV D500**  
Parts Catalogue  
for 1 Piece Door Locks

WE OPEN SPACE



# DoorSafe MV D500

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#### **ROTONor**

Smooth gold finish on visible hardware components.



#### **ROTOsil**

Smooth silver-matt finish on visible hardware components.

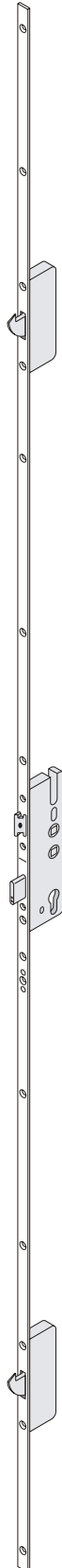
# DoorSafe MV D500

## 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.

SRH 1900-2200 mm  
Handle height 1020mm



POLICE PREFERRED SPECIFICATION

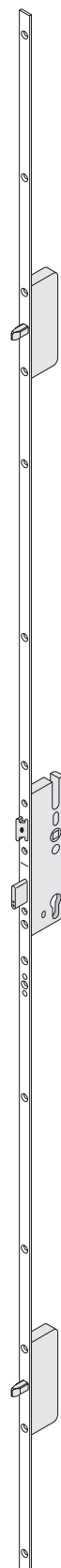
# Single spindle 2 pin bolts

## 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 ROTOnor & 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

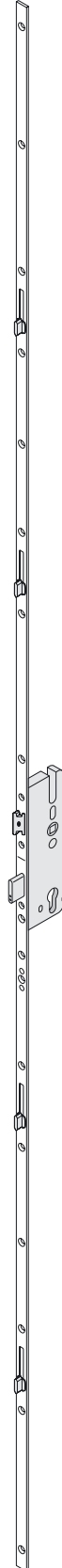
# DoorSafe MV D500

## 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**

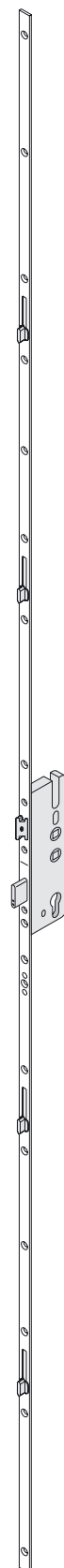
**BS EN 1670:1998 Part 5.6, Class 4**

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

# Split spindle 4 compression cams

## ROTONor coating

B'set (mm)	Faceplate length	Part Number
35	2200 mm	<b>337815</b>



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<sup>nor</sup> finish
- Surface protection with ROTO<sup>nor</sup> 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

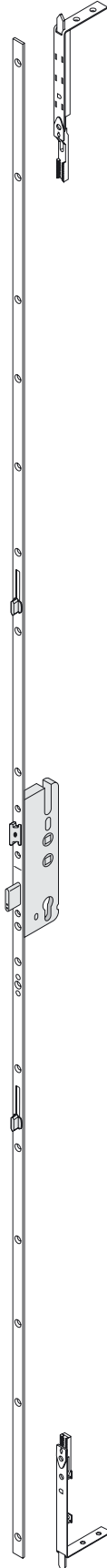
# DoorSafe MV D500

## 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)

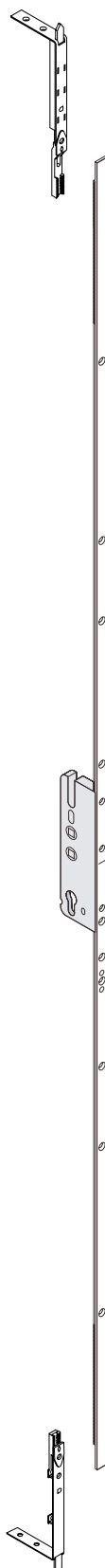
SRH (including shootbolts) **1735-2135 mm**  
Handle height **1020mm**



## 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<sup>nor</sup> finish
- Surface protection with ROTO<sup>nor</sup> meets the requirements of the following:

**BS 7479**

**BS EN 12329: 2000**

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

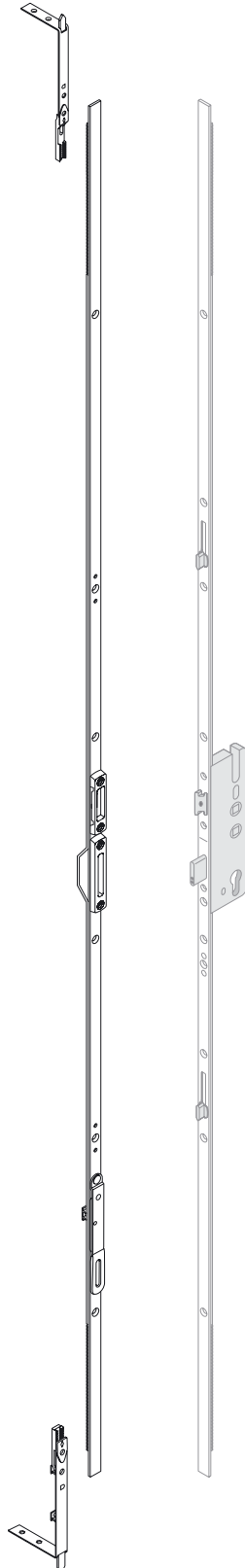
SRH (including shootbolts) **1735-2135 mm**  
Handle height **1020mm**

# DoorSafe MV D500

## Finger operated French door - passive side

### ROTONor coating

B'set (mm)	Faceplate length	Part Number
-	1865 mm	<b>337887</b>



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)

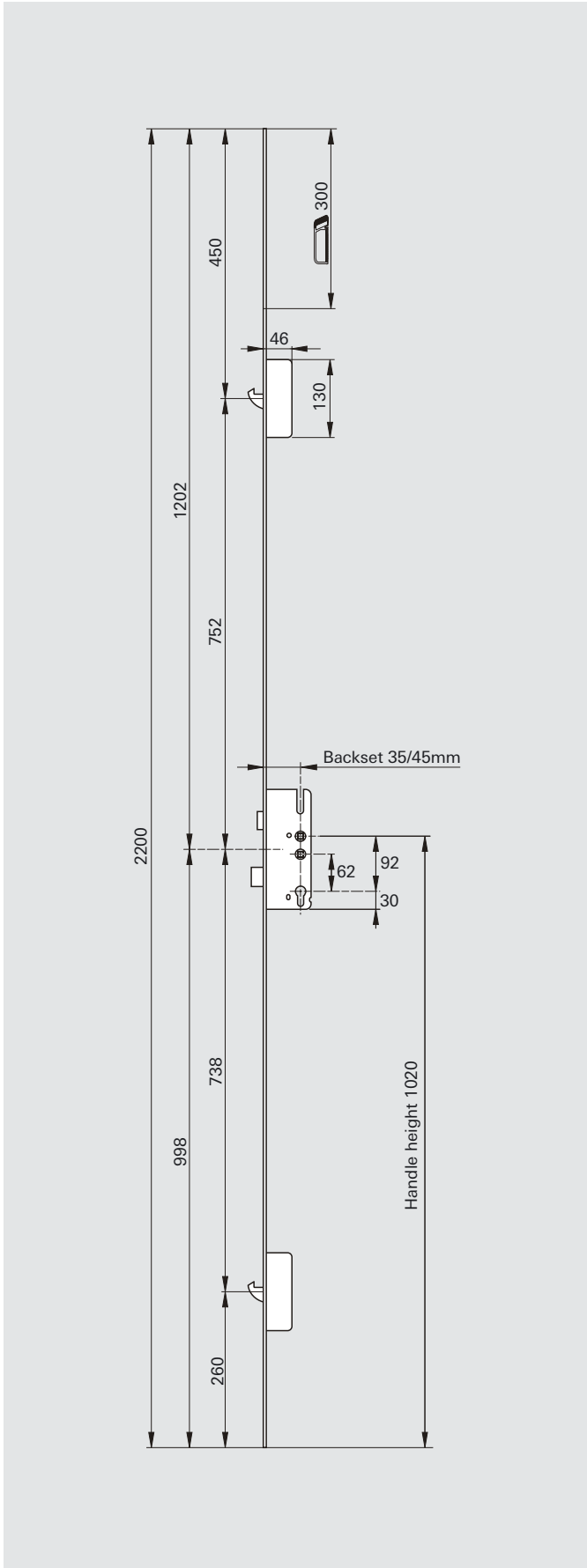
SRH (including shootbolts) **1735-2135 mm**  
Handle height **1020mm**



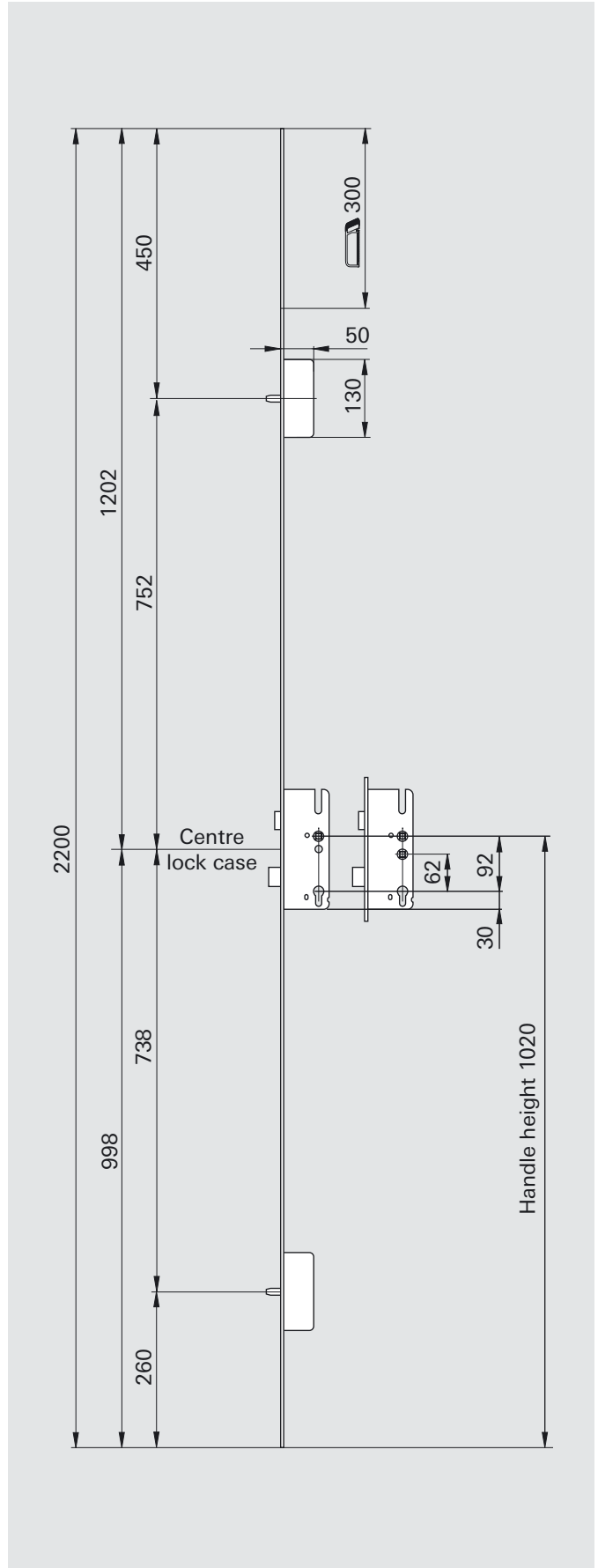
# DoorSafe MV D500

## Technical details

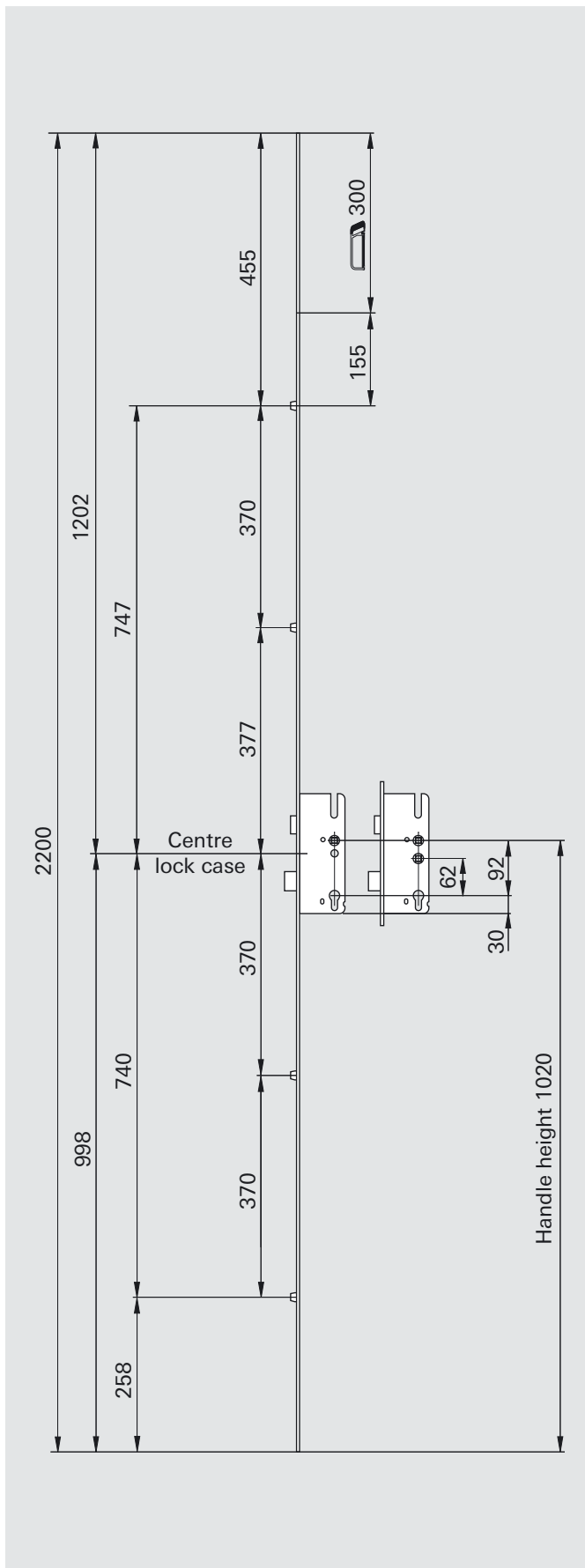
2 hooks (v3)



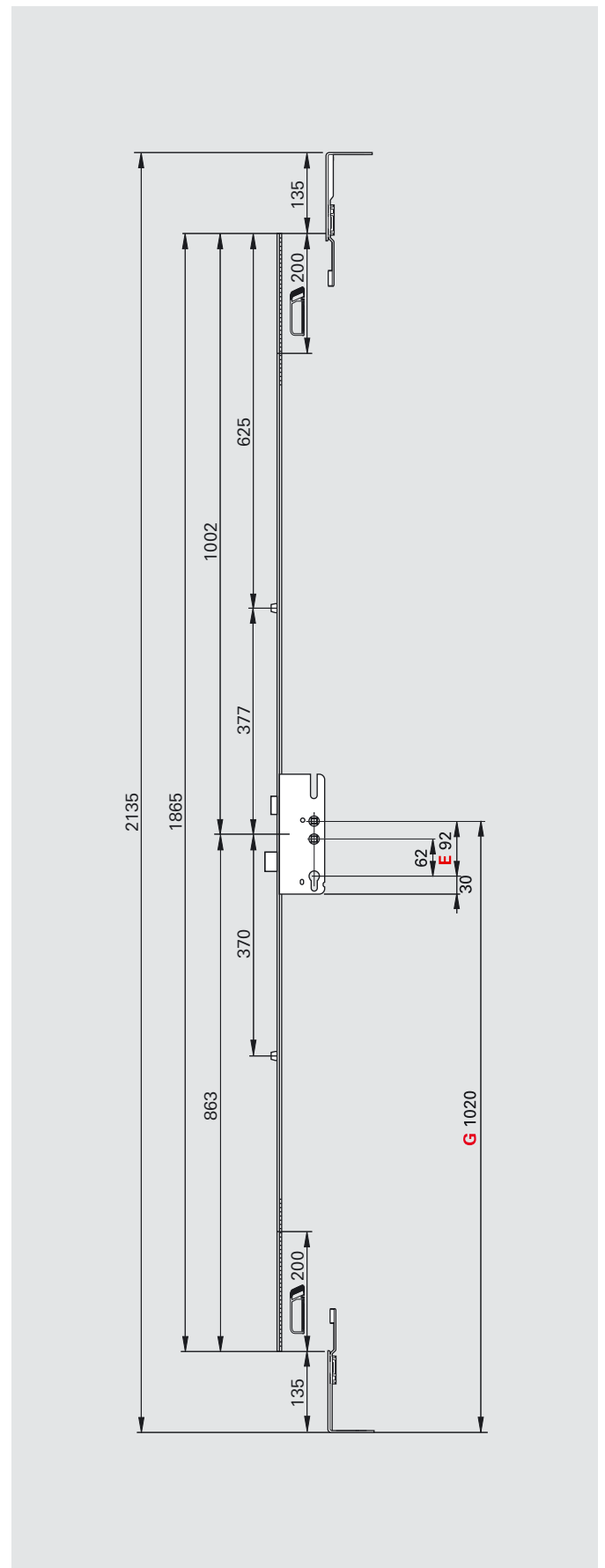
2 pin bolts



### 4 compression cams



### 2 compression cams & teeth

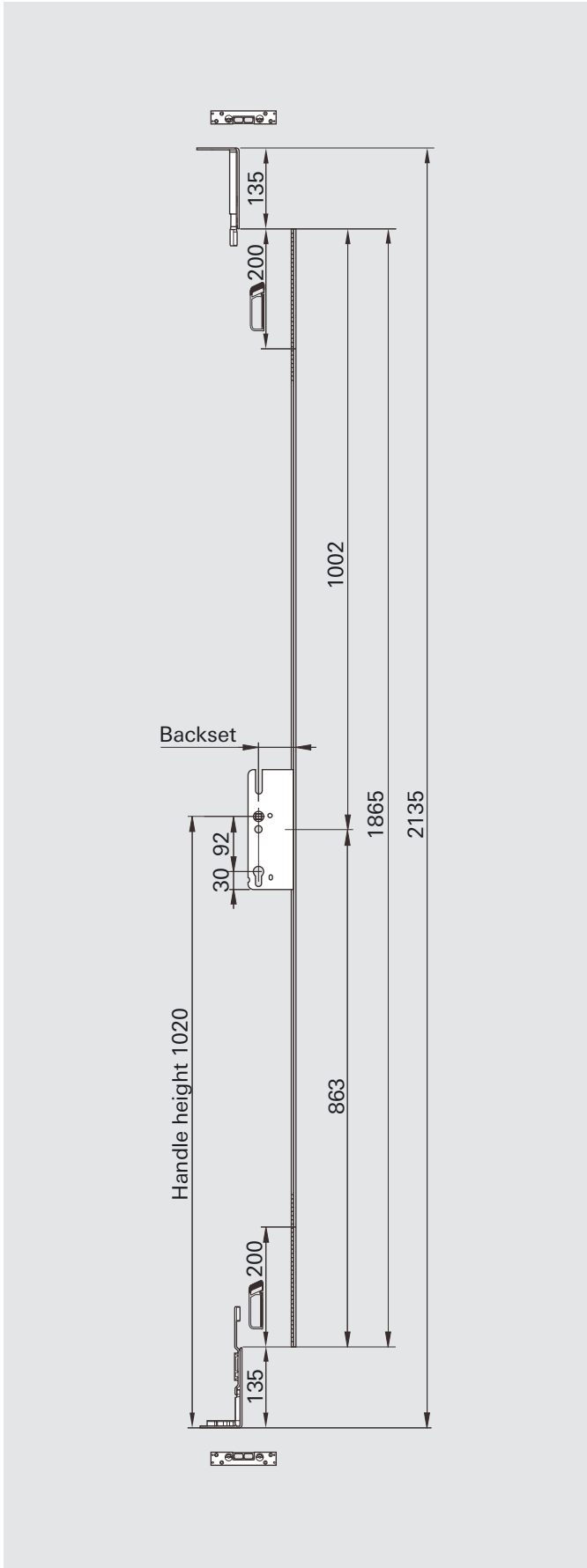


# DoorSafe MV D500

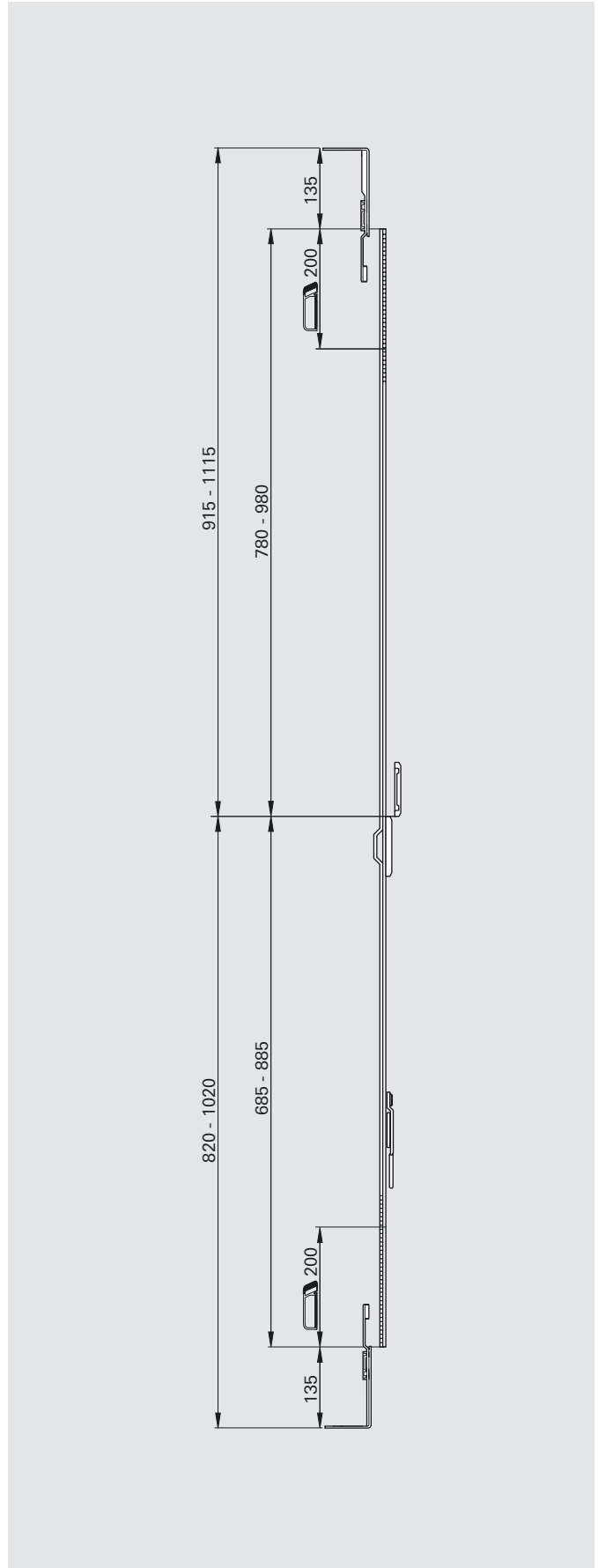
## French door

### Technical details

Lever operated French door - passive side



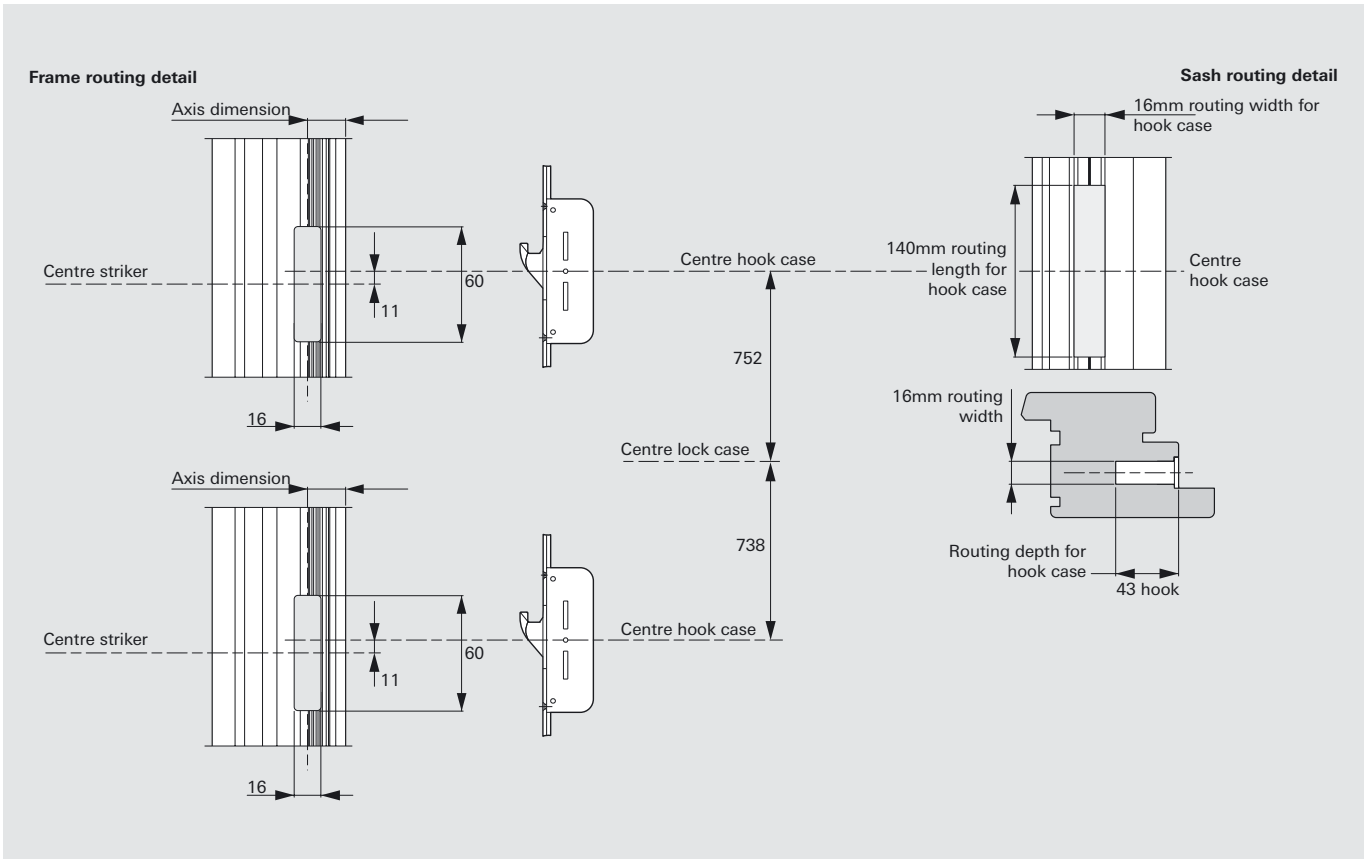
Finger operated French door - passive side



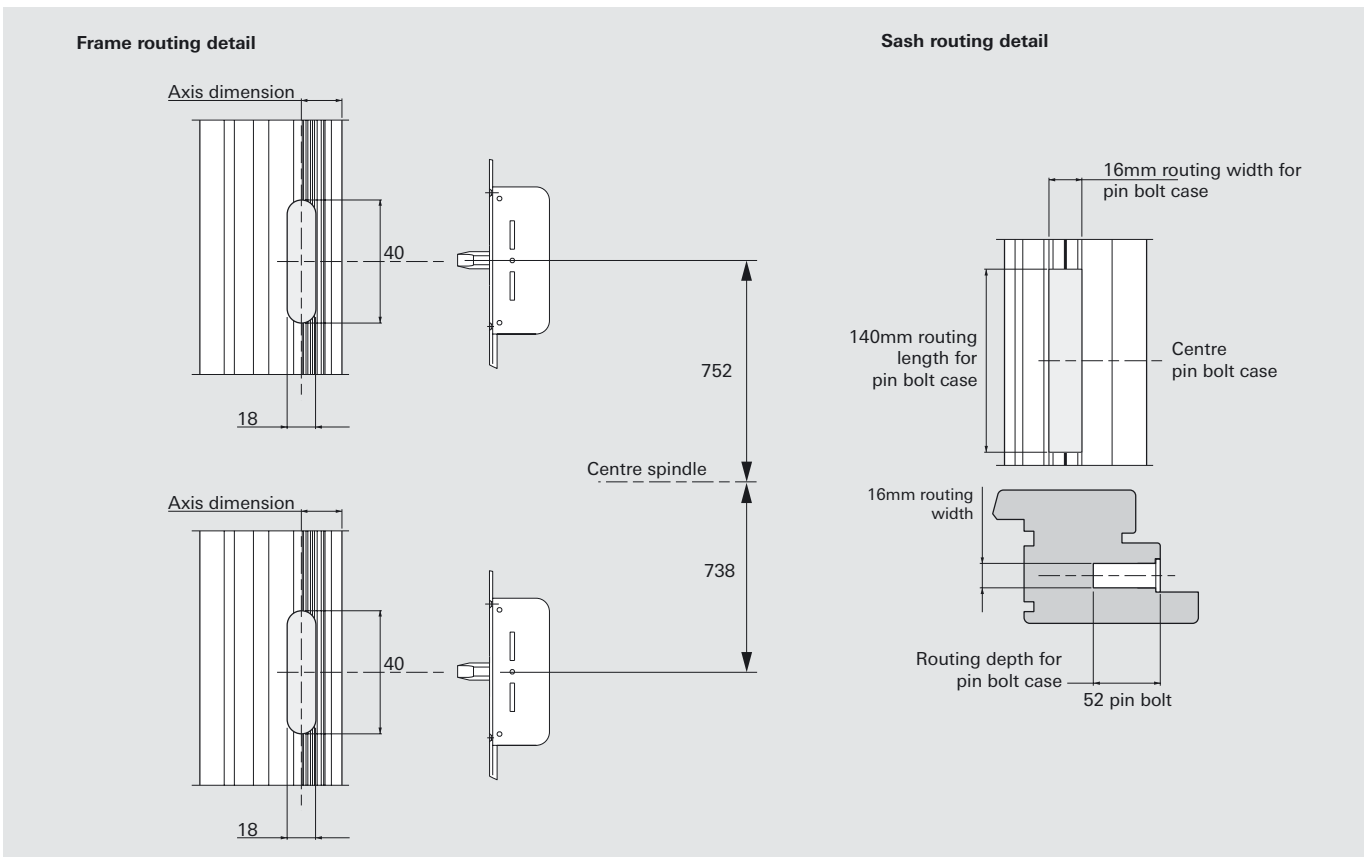
# Hook & Pin Routing details



## Hook case routing details



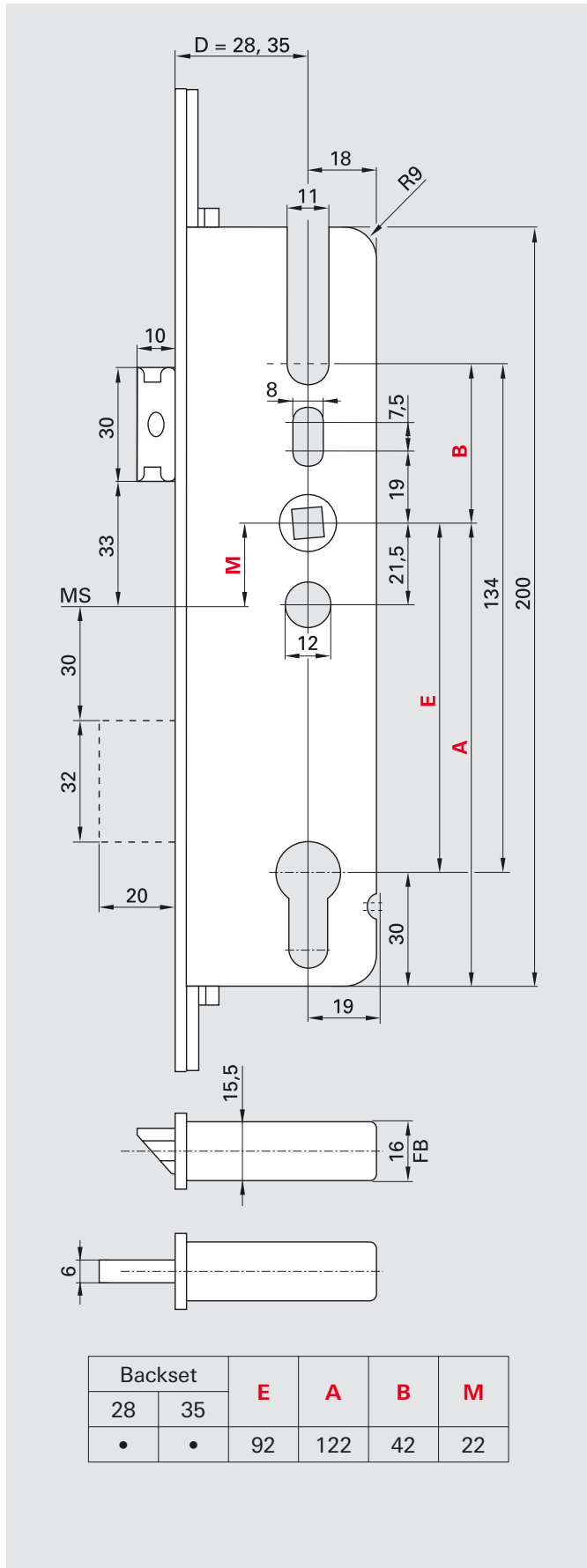
## Pin bolt case routing details



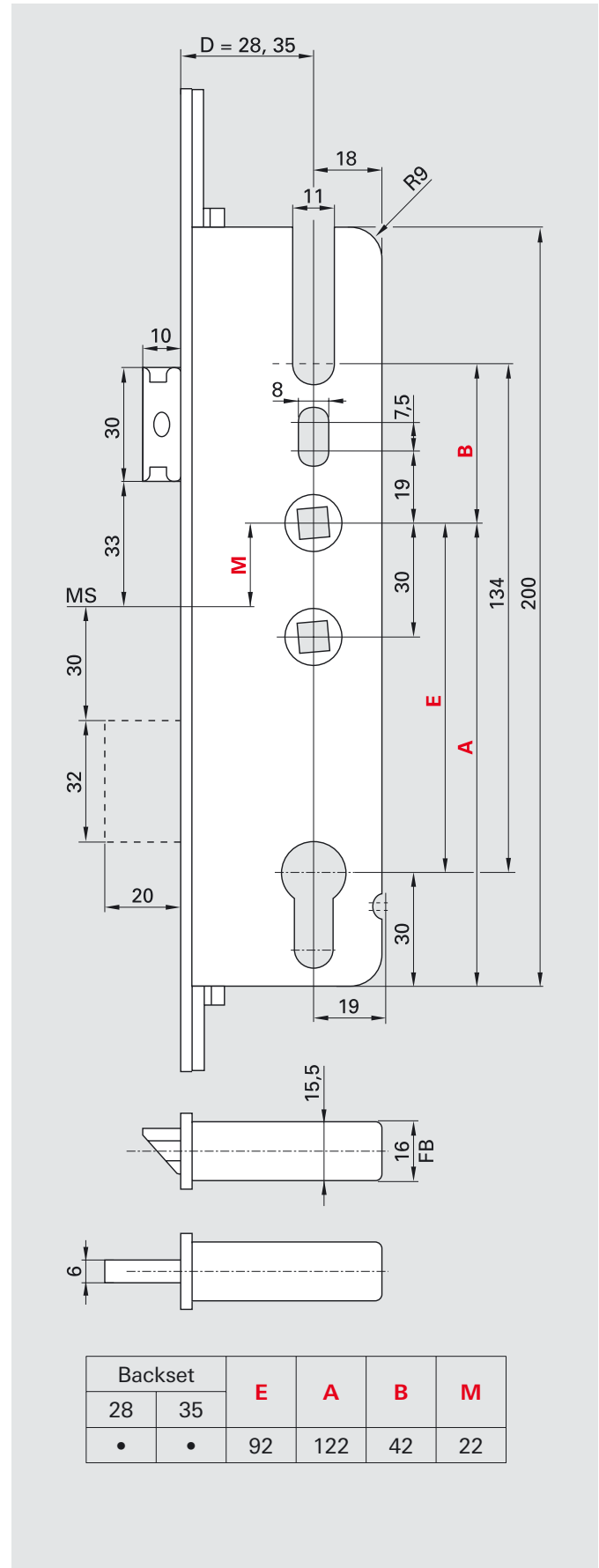
# DoorSafe MV D500

## Technical details

### Standard lock



### Split spindle lock



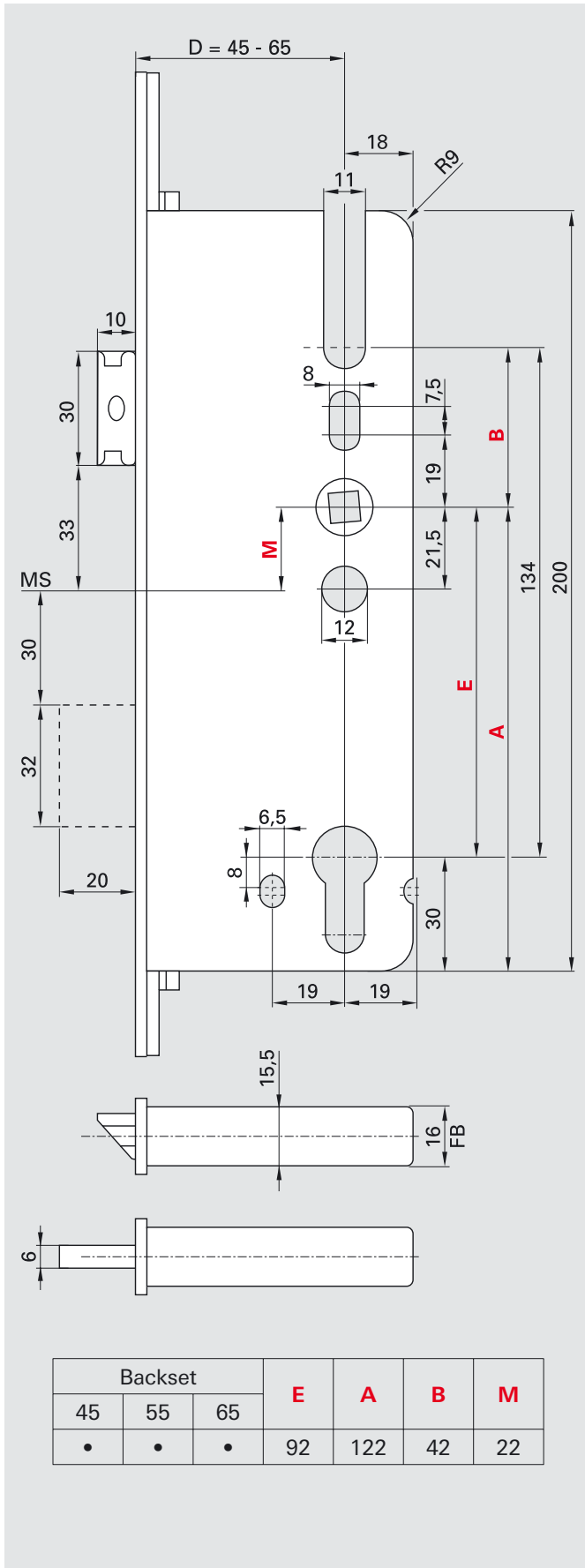


# DoorSafe MV D500

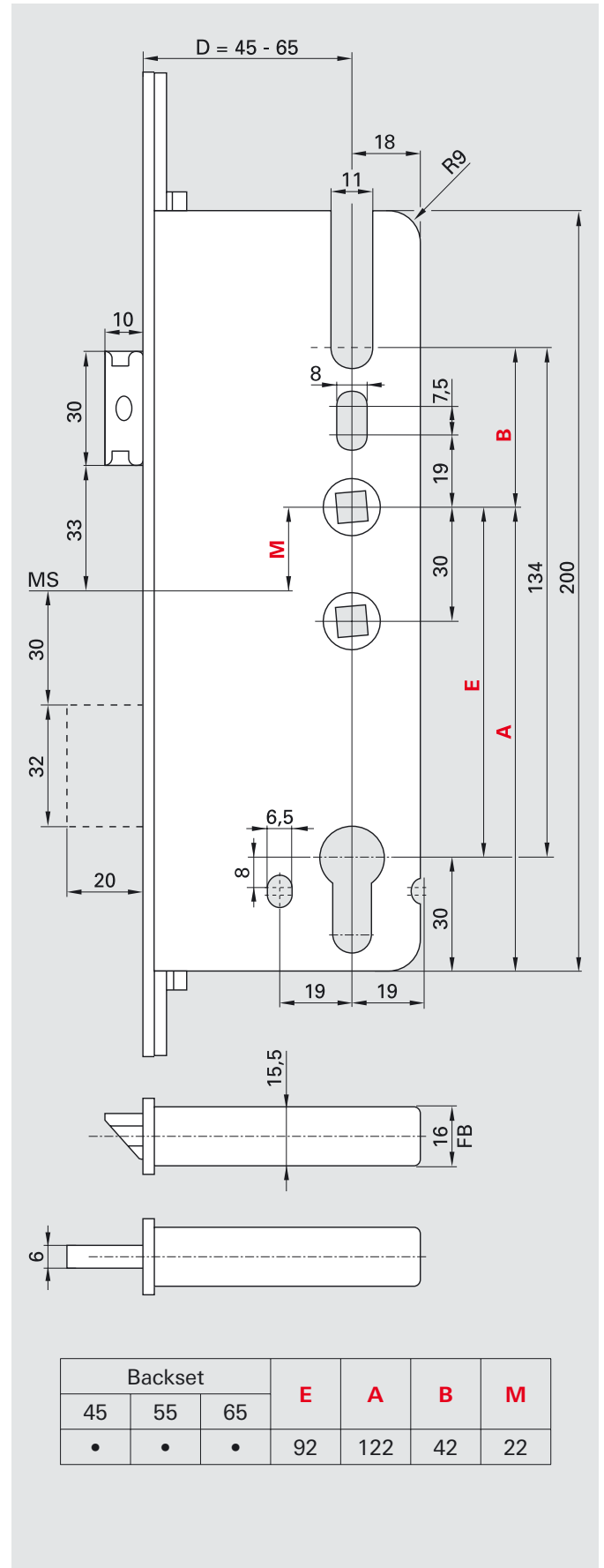
## Technical details



### Standard lock



### Split spindle lock



# DoorSafe MV D500

## Notes





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