

Product catalog

08/2019

Plastic/Timber/Aluminium

# autoLock AVP

Automatic multi-point locking system





# Your door deserves it

A solid exterior door won't make a house secure on its own. autoLock AVP not only gives you the certainty of having a secure door, you can already tell upon activating it that we're serious about this locking system when it comes to power and genuine strength.

The handle-operated automatic locking system autoLock AVP offers powerful and dynamic locking – mechanical as well as spring-driven – without forgoing the familiar handle unlocking. It also features our innovative failsafe device. This prevents you from accidentally locking of the locking points – thus sparing your door frame from ugly scratches.

Find out how security feels. Discover the autoLock AVP.



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# General description

## autoLock AVP – automatic multi-point locking system for doors

### autoLock AVP

The Winkhaus AVP locking system is an automatic security door locking system with solid hooks for wooden, plastic and aluminium entrance doors. Closing the door trips the solid hooks and/or ACP bolts, immediately ensuring a tight seal and securing the door from unauthorised access after the profile cylinder has been actuated.

The swivel hooks and latch can be additionally re-locked manually by lifting the door handle. This ensures that the door always stays securely locked and remains firmly in its frame even without additional locking.

### Automatic hooks

The AVP hooks are made of steel. As the standard Winkhaus hooks, the AVP hooks ensure deep rear claw behind the keep and prevent the door leaf and frame from being pulled apart. In addition, the AVP hooks are automatically secured against being pushed back after locking.

Thanks to the door handle on both sides, the autoLock AVP offers a daytime release function at all times – the door always remains accessible without having to actuate the profile cylinder!

### Additional security thanks to dead bolt

Thanks to a one-turn rotation (1 x 360°) of the key in the locking cylinder, the lock is secured against opening, which means the handle is blocked in the locked state. Access is then only possible when a key is used.



### Dead bolt and latch

The steel dead bolt lends the Winkhaus security door locking system the necessary supreme strength even in the door's mid-range. The latch is made of metallic die-cast zinc and supports keeping the door closed.

### Main lock housing

The AVP main lock housing is configured to all conventional door plates and rosettes as per DIN 18251-3. The lock housing is closed on all sides, so that no dirt or fouling can penetrate into the lock housing. Actuation via handle ensures smooth unlocking and allows additional re-locking via handle in case of doubt (if the door is installed poorly, for instance). The lock housing can be unlocked by use of a Euro locking cylinder.

### Regarding security

Suitability is ensured as per DIN EN 1627-30 in classes RC1–2.

### Frame components / keeps

The AVP locking system works with standard Winkhaus lock components, meaning no special frame components are required. This allows the use of individual keeps from the standard product range. A suitable keep with corresponding AVP trigger is installed in the latch and deadbolt area. In addition, there is a wide range of adjustment options in the latch and hook area (+/- 2 mm adjustment range) so that the door closes perfectly with just the right amount of pressure on the handle.

### Faceplate design

Various solid steel extensions are available so that the lock can be adapted to fit a wide variety of door heights. To prevent corrosion, all face plate surfaces are galvanised in accordance with DIN EN ISO 50979 and tested in accordance with DIN EN 1670 Class 4.

### Easy installation

The lock is fitted in the door in the familiar fashion. The autoLock AVP locking system is adapted in the dimensions of the standard locking device hookLock M2 version 62, which enables easy replacement of locks of the same faceplate version.



## autoLock AVP M2 A2

### multi-point locking system with hooks and ACP bolts



#### Areas of application

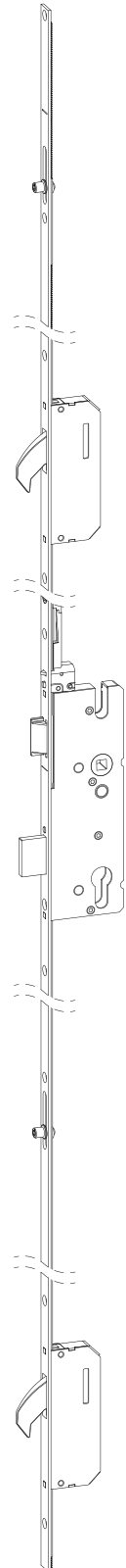
- Wooden doors
- Plastic doors
- Aluminium doors

#### Properties

- Two steel hooks which automatically locks via spring force, 25 mm throw and two ACP bolts
- Deadbolt made of steel
- Hooks, ACP bolts and deadbolt are retracted via handle
- A fail-safe device prevents unintentional extension of the hooks and possible damage of the frame that may be caused by this
- Additional dead locking of the complete system, incl. main deadbolt and door handle by means of profile cylinder (1 x 360° turn of the key) possible, also called Holiday Lockout function
- Prepared for installation of all locking cylinders corresponding to DIN 18252 or DIN EN 1303
- Lock housing sealed on all sides, suitable for all common / tested plates / rosettes in accordance with DIN 18252, necessary with a handle inside / handle outside
- Single hooks keep with integrated pressure adjustment (+/- 2 mm)
- Centre keep with adjustable latch plate (+/-2mm)
- Suitable for burglar-resistant doors according to DIN EN 1627-30 RC1 - RC2

#### Standard surfaces

Face plate coating in matte chromated mc / silver coloured (corrosion resistance according to DIN EN 1670 Class 4).





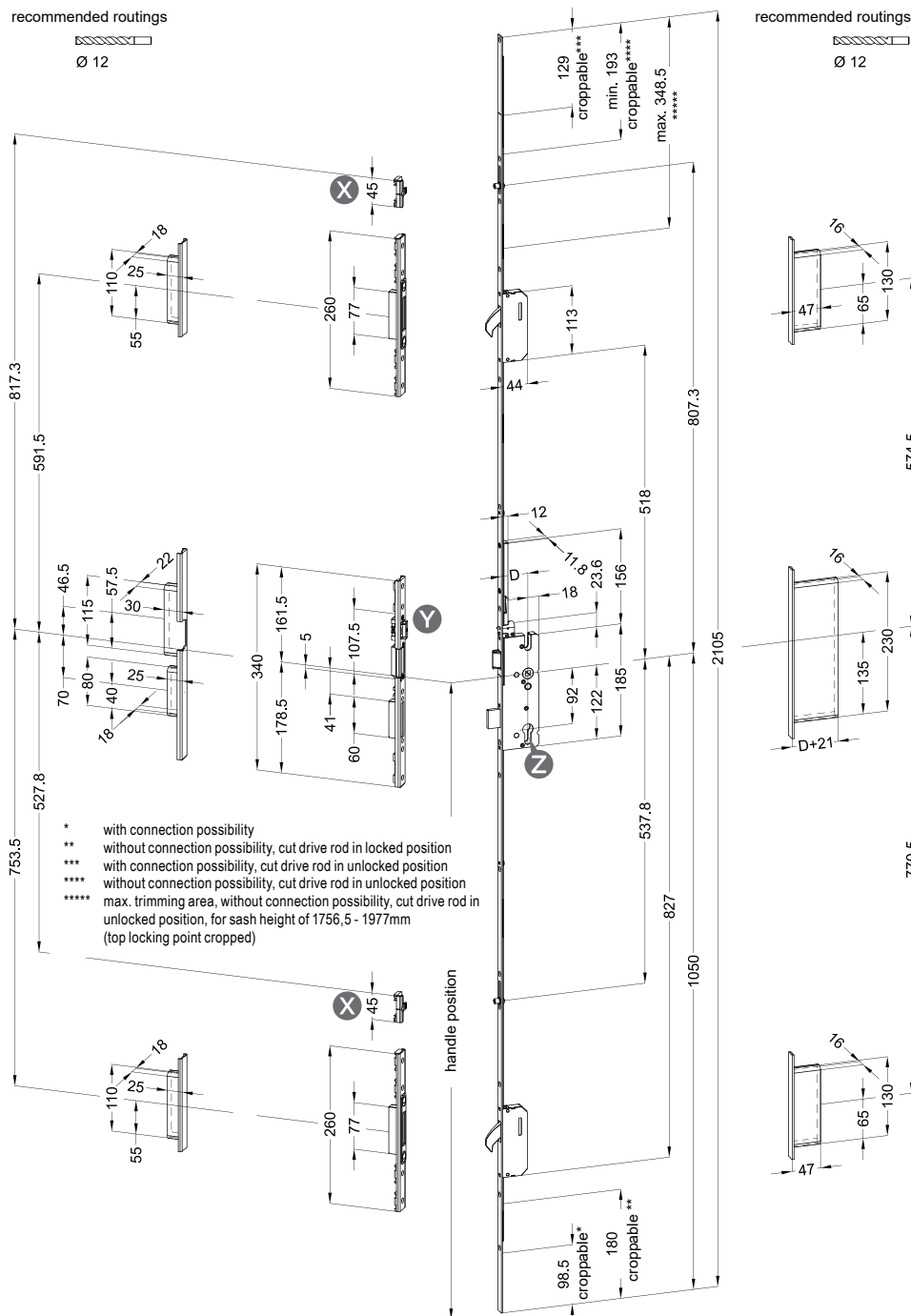
autoLock AVP M2 A2

## multi-point locking system with hooks and ACP bolts



Dimensioning, version 106 without connection parts for standard entrance doors

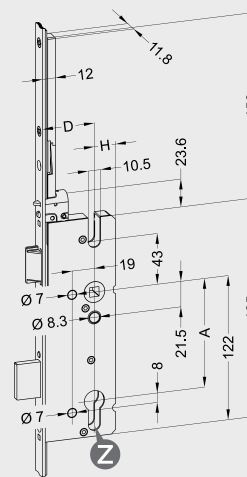
Recommended sash rebate height: 1977 to 2226,5 mm



**Note**

The dimensions specified apply to all version 106 autoLock AVP M2/A2 automatic multi-point locking systems without connection parts.

### Lock case information



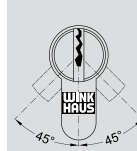
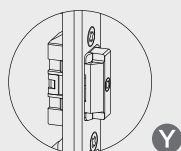
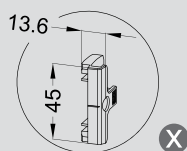
**A** = Distance

**D =** Backset

**H** = Rear backset

- a) key operated lock boxes  
D = 35 - 100 mm  
H = 17,5 mm
- b) all other lock boxes  
H = 18 mm

## Details



**Z** Installation area of the locking cylinder without conversion of the cam.



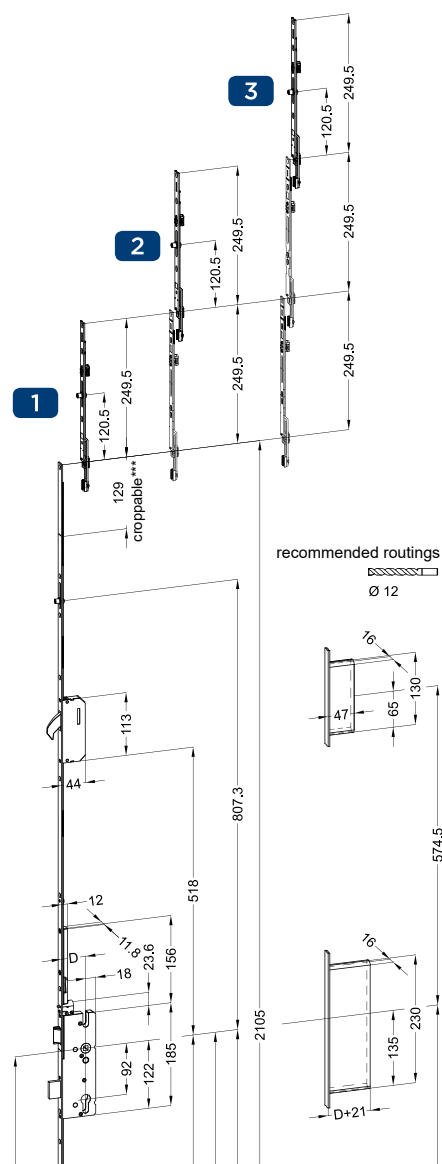
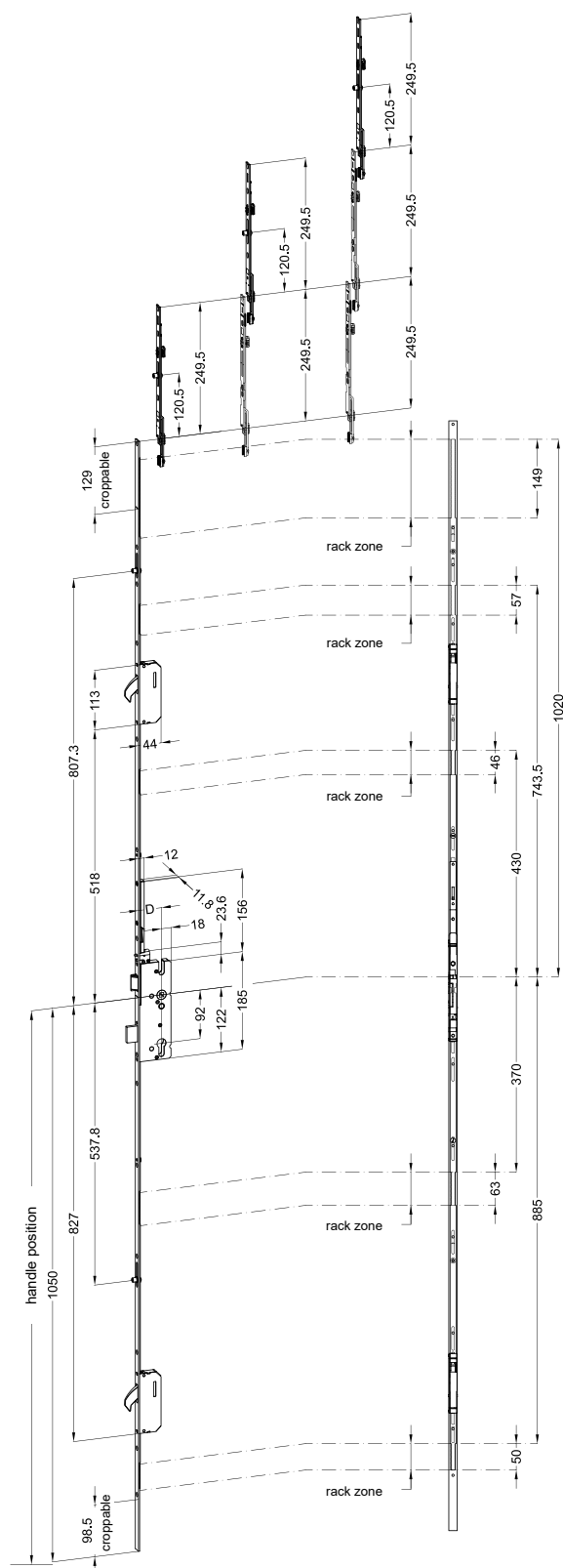


# autoLock AVP M2 A2

## multi-point locking system with hooks and ACP bolts



Dimensioning, version 106, with connection options for entrance doors and trimming areas



Extension options		Sash rebate height / mm	
		min.	max.
<b>1</b>	1 St. Mittenverriegelung MVR-V 25 ACP1	2226,5	2354,5
	1 St. Mittenverriegelung MVR-V 25 ACP1	2476,0	2604,0
<b>2</b>	1 St. Mittenverriegelung MVR-MK.250-0		
	1 St. Mittenverriegelung MVR-V 25 ACP1	2725,5	2853,5
<b>3</b>	2 St. Mittenverriegelung MVR-MK.250-0		



# autoLock AVP M2 A2

## multi-point locking system with hooks and ACP bolts



Sample installation situations for plastic entrance doors (INOOUTIC Elite profile),

lock: T- AVP FG16106 L01/D45 92/8 M2A2

Frame components: T-SB FRA U26-192 AVP, T-SB U26-192 SKG MV, SB SBA K 192

Description	Installation situation
Situation ACP bolts	
Situation Hook	
Situation AVP-trigger	
Situation Latch	
Situation Deadbolt	
Position of the Keeps	



## autoLock AVP A4

### multi-point locking system with ACP bolt

#### Areas of application

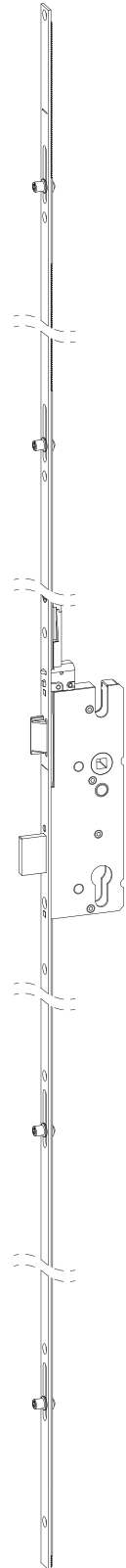
- Wooden doors
- Plastic doors
- Aluminium doors

#### Properties

- Four ACP bolts which automatically unbolt via spring force
- Deadbolt made of steel
- ACP bolts and deadbolt are retracted via handle
- Additional dead locking of the complete system, incl. main deadbolt and door handle by means of profile cylinder (1 x 360° turn of the key) possible, also called Holiday Lockout function
- Prepared for installation of all locking cylinders corresponding to DIN 18252 or DIN EN 1303
- Lock housing sealed on all sides, suitable for all common / tested plates / rosettes in accordance with DIN 18252, necessary with a handle inside / handle outside
- Individual keeps, ACP lock bolts, with integrated contact pressure adjustment +/- 0,8 mm
- Centre keep with adjustable latch plate (+/-2mm)

#### Standard surfaces

Face plate coating in matte chromated mc / silver coloured (corrosion resistance according to DIN EN 1670 Class 4).





## autoLock AVP A4

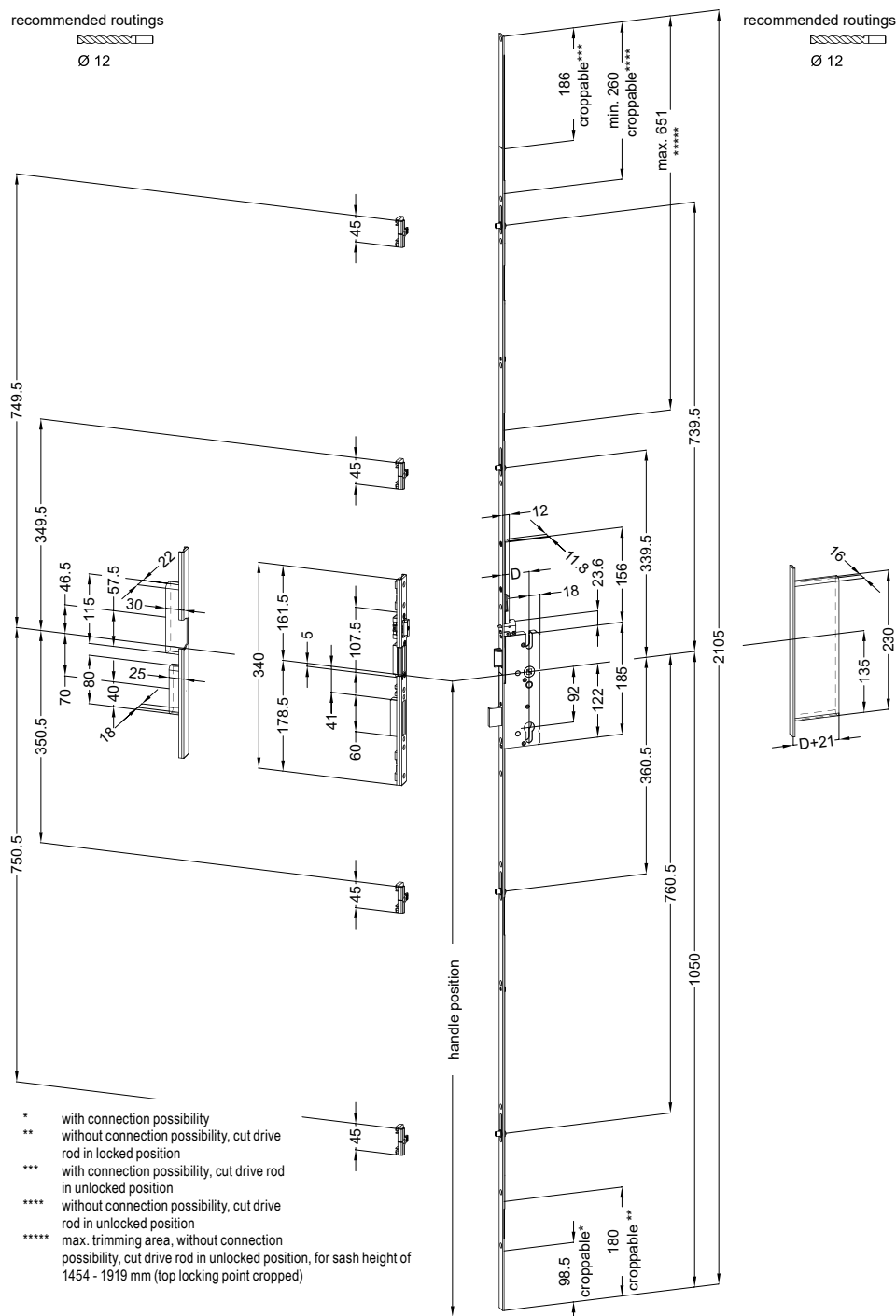
multi-point locking system with ACP bolt




Dimensioning, version 107 without connection parts for standard entrance doors

Recommended sash rebate height: 1919 to 2168 mm

recommended routings



- \*\* with connection possibility  
 without connection possibility, cut drive rod in locked position  
 \*\*\* with connection possibility, cut drive rod in unlocked position  
 \*\*\*\* without connection possibility, cut drive rod in unlocked position  
 \*\*\*\*\* max. trimming area, without connection possibility, cut drive rod in unlocked position, for sash height of 1454 - 1919 mm (top locking point cropped)
- 

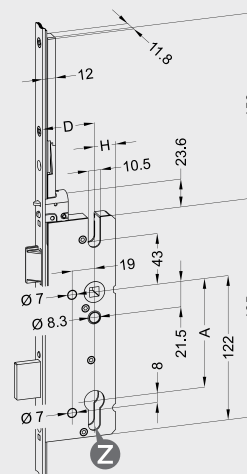
recommended routings



**Note**

The dimensions specified apply to all version 107 autoLock AVP A4 automatic multi-point locking systems without connection parts.

### Lock case information



**A** = Distance

**D =** Backset

**H** = Rear backset

a) key operated lock boxes

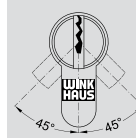
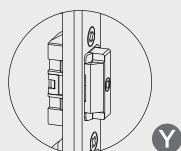
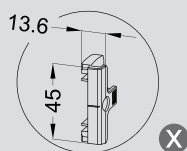
D = 35 - 100 mm

H = 17,5 mm

b) all other lock boxes

H = 18 mm

## Details



**Z** Installation area of the locking cylinder without conversion of the cam.

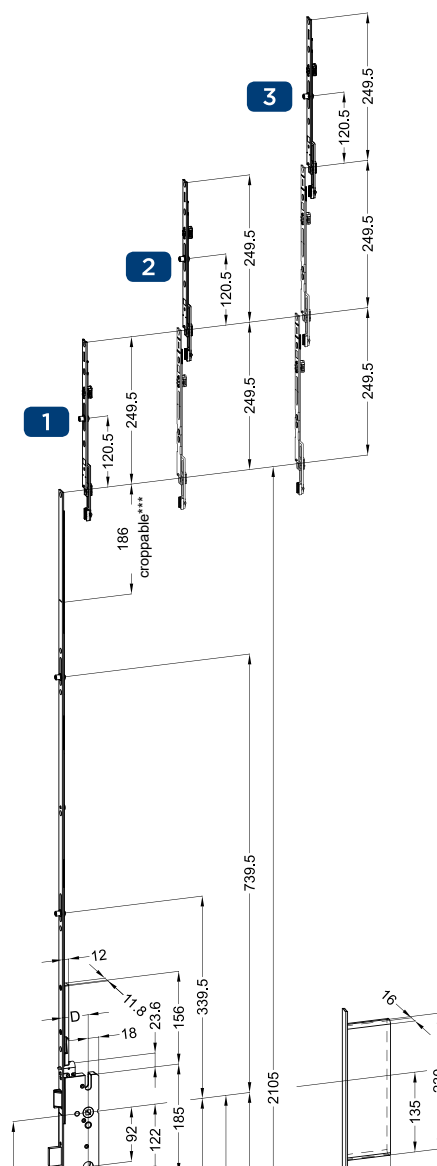
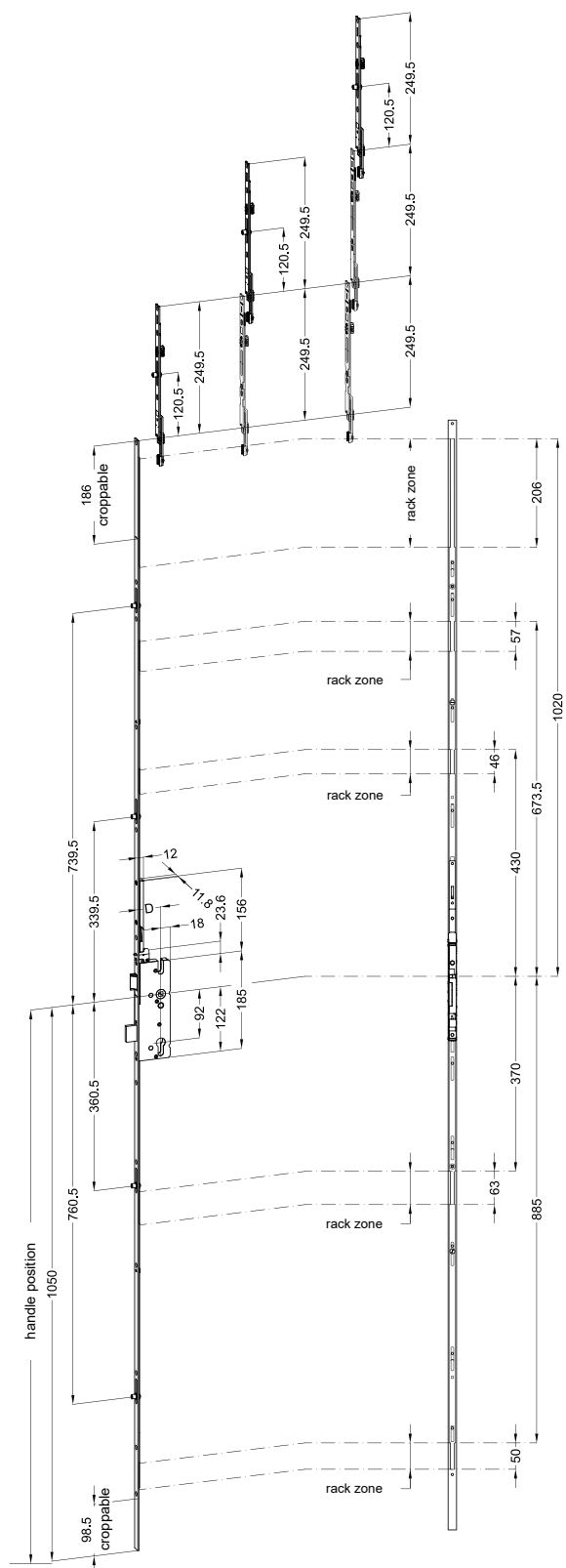


## autoLock AVP A4

multi-point locking system with ACP bolt



Dimensioning, version 106, with connection options for entrance doors and trimming areas



Extension options		Sash rebate height / mm	
		min.	max.
1	1 St. Mittenverriegelung MVR-V 25 ACP1	2168,5	2354,5
	1 St. Mittenverriegelung MVR-V 25 ACP1	2418,0	2604,0
2	1 St. Mittenverriegelung MVR-MK.250-0		
	1 St. Mittenverriegelung MVR-V 25 ACP1	2667,5	2853,5
3	2 St. Mittenverriegelung MVR-MK.250-0		
	2 St. Mittenverriegelung MVR-V 25 ACP1		



# autoLock AVP A4

## multi-point locking system with ACP bolt



Sample installation situations for plastic entrance doors (INOOUTIC Elite profile),

lock: T- AVP FG16106 L01/D45 92/8 A4

Frame components: T-SB FRA U26-192 AVP, SB SBA K 192

Description	Installation situation
Situation ACP bolts	
Situation AVP-trigger	
Situation Latch	
Situation Deadbolt	
Position of the Keeps	



# autoLock AVP multi-point locking system

## Overview of articles and accessories

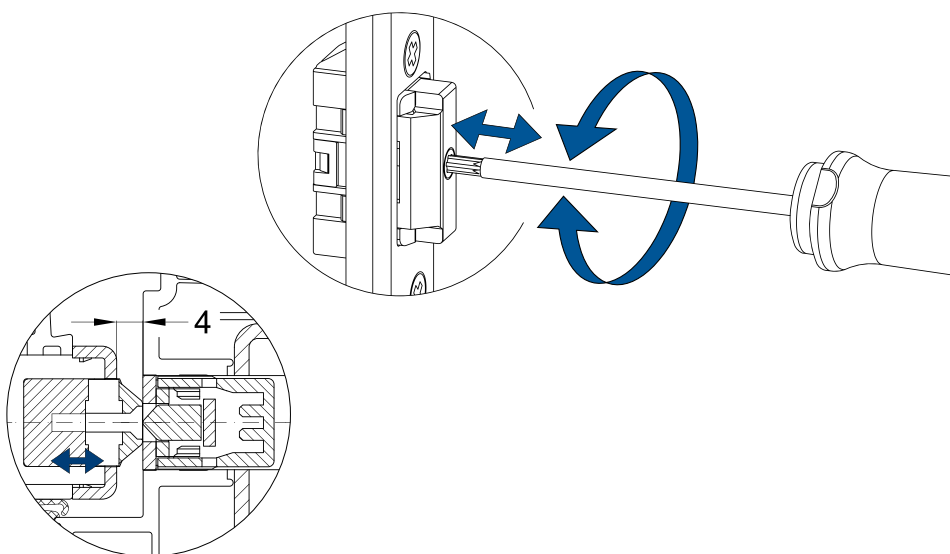


Part description	Article no.
<b>Locking systems: for standard house doors (version ...106)</b>	
T- AVP FG16106 L01/D28 92/8 M2A2 MC	5042406
T- AVP FG16106 L01/D35 92/8 M2A2 MC	5042407
T- AVP FG16106 L01/D40 92/8 M2A2 MC	5042408
T- AVP FG16106 L01/D45 92/8 M2A2 MC	5042409
T- AVP FG16106 L01/D50 92/8 M2A2 MC	5042410
T- AVP FG16106 K1.5 L01/D27 92/8 M2A2MC	5042405
<b>Locking systems: for standard house doors (version ...107)</b>	
T- AVP FG16107 L01/D28 92/8 A4 MC	5042400
T- AVP FG16107 L01/D35 92/8 A4 MC	5042401
T- AVP FG16107 L01/D40 92/8 A4 MC	5042402
T- AVP FG16107 L01/D45 92/8 A4 MC	5042403
T- AVP FG16107 L01/D50 92/8 A4 MC	5042404
T- AVP FG16107 K1.5 L01/D27 92/8 A4 MC	5042329
<b>Trigger</b>	
T-G1 AUSLÖSER AVP	5041636
<b>Accessories: Extensions for tall house doors</b>	
T-MITTENVER.MVR/V 25/ACP1 SL	5042411
MITTENVER.MK.250-0	4929185

### Note

For assignment of locking systems and frame components, see planning manual Group 2 / 3.

## Adjusting the trigger T-G1 Auslöser AVP



Turn the screw until the T-G1 Auslöser AVP touches the lockrail (if the sash is closed) and switches the lock. Recommended airgap approx 4mm (depends on the door system)

Part description	Article no.
T-HT TORX-SCHRAUBENDR. T15 BLAU	2953104



# autoLock AVP

## Automatic multi-point locking system



### assignment profile system - frame parts

	Part description	Article no.	Notes
<b>Profile</b>	<b>Deceunink</b>		
<b>Profiltyp</b>	<b>Zendow</b>		
SBA / WSK	SCHLIESSBL.SBA.K.169	4926362	milled -1mm (weatherseal compression)
SB MV	T-SB U26-76 SKG MV MC	1423540	
FRA SB	T-SB FRA U26-76 AVU SKG RS MC	5015517	
	T-SB FRA U26-76 AVU SKG LS MC	5015516	
<b>Profile</b>	<b>Askey</b>		
<b>Profiltyp</b>			
SBA / WSK	SCHLIESSBL.SBA.K.169	4926362	Achtung, Artikel passt nicht!! Spezielle Profilanpassung fräsen
SB MV			
FRA SB	T-LE SB FRA F20-10 9/11 AVM RS GR	5053705	
	T-LE SB FRA F20-10 9/11 AVM LS GR	5053706	
<b>Profile</b>	<b>Gealan</b>		
<b>Profiltyp</b>	<b>6000</b>		
SBA / WSK	SCHLIESSBL.WSK162 SL	2310627	
	SCHLIESSBL.WSK162-0,6 SL	5016645	alternative
SB MV	T-SB U26-62 SKG MV MC	1961452	
FRA SB	T-SB FRA U26-62 AVU SKG RS MC	5015525	
	T-SB FRA U26-62 AVU SKG LS MC	5015524	
<b>Profile</b>	<b>VEKA</b>		
<b>Profiltyp</b>			
SBA / WSK	SCHLIESSBL.WSK152 SL	2309909	alternative, but milled -1mm (weatherseal compression)
	SCHLIESSBL.SBA.K.152	2824062	
SB MV	T-SB U26-76 SKG MV MC	1423540	
FRA SB	T-SB FRA U26-76 AVU SKG RS MC	5015517	
	T-SB FRA U26-76 AVU SKG LS MC	5015516	
<b>Profile</b>	<b>SCHÜCO</b>		
<b>Profiltyp</b>	<b>Corona CT 70</b>		
SBA / WSK	SCHLIESSBL.SBA.K.61	2892073	
	SCHLIESSBL.SBA.K.60	2824046	alternative
SB MV	T-SB U26-61 SKG MV MC	1886544	
FRA SB	T-SB FRA U26-61 AVU SKG RS MC	5015523	
	T-SB FRA U26-61 AVU SKG LS MC	5015522	
<b>Profile</b>	<b>Aluplast</b>		





# autoLock AVP

## Automatic multi-point locking system



### assignment profile system - frame parts

	Part description	Article no.	Notes
<b>Profiltyp</b>	<b>Ideal 2000</b>		
SBA / WSK	SCHLIESSBL.WSK 61 RC SL	2311697	
SB MV	T-SB U26-61 SKG MV MC	1886544	
FRA SB	T-SB FRA U26-61-AVU SKG RS MC T-SB FRA U26-61 AVU SKG LS MC	5015523 5015522	
<b>Profile</b>	<b>INOUTIC</b>		
<b>Profiltyp</b>	<b>Prestige</b>		
SBA / WSK	SCHLIESSBL.SBA.K.192 SCHLIESSBL.WSK192 RC-1 SL	5002139 2307874	milled -1,5mm (weatherseal compression) alternative, milled -0,7mm (weatherseal compression)
SB MV	T-SB U26-192 SKG MV MC	1886270	
FRA SB	T-SB FRA U26-192 AVU SKG RS MC T-SB FRA U26-192 AVU SKG LS MC	5017580 5017581	
<b>Profile</b>	<b>Kömmerling</b>		
<b>Profiltyp</b>			
SBA / WSK	SCHLIESSBL.SBA.K.144	2920652	milled -1mm (weatherseal compression)
SB MV	T-SB U26-144 SKG MV MC	1967192	
FRA SB	T-SB FRA U26-144-12 AVU SKG RS MC T-SB FRA U26-144-12 AVU SKG LS MC	5017820 5017821	
<b>Profile</b>	<b>KBE</b>		
<b>Profiltyp</b>	<b>MD76</b>		
SBA / WSK	SCHLIESSBL.WSK205 RC-V SL SCHLIESSBL.SBA.K.144.V	2312198 4927431	alternative
SB MV	T-SB U26-176 SKG MV MC	2929542	
FRA SB	T-SB FRA U26-176 AVU SKG RS MC T-SB FRA U26-176 AVU SKG LS MC	5018404 5018405	





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