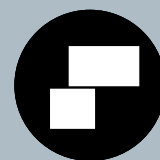




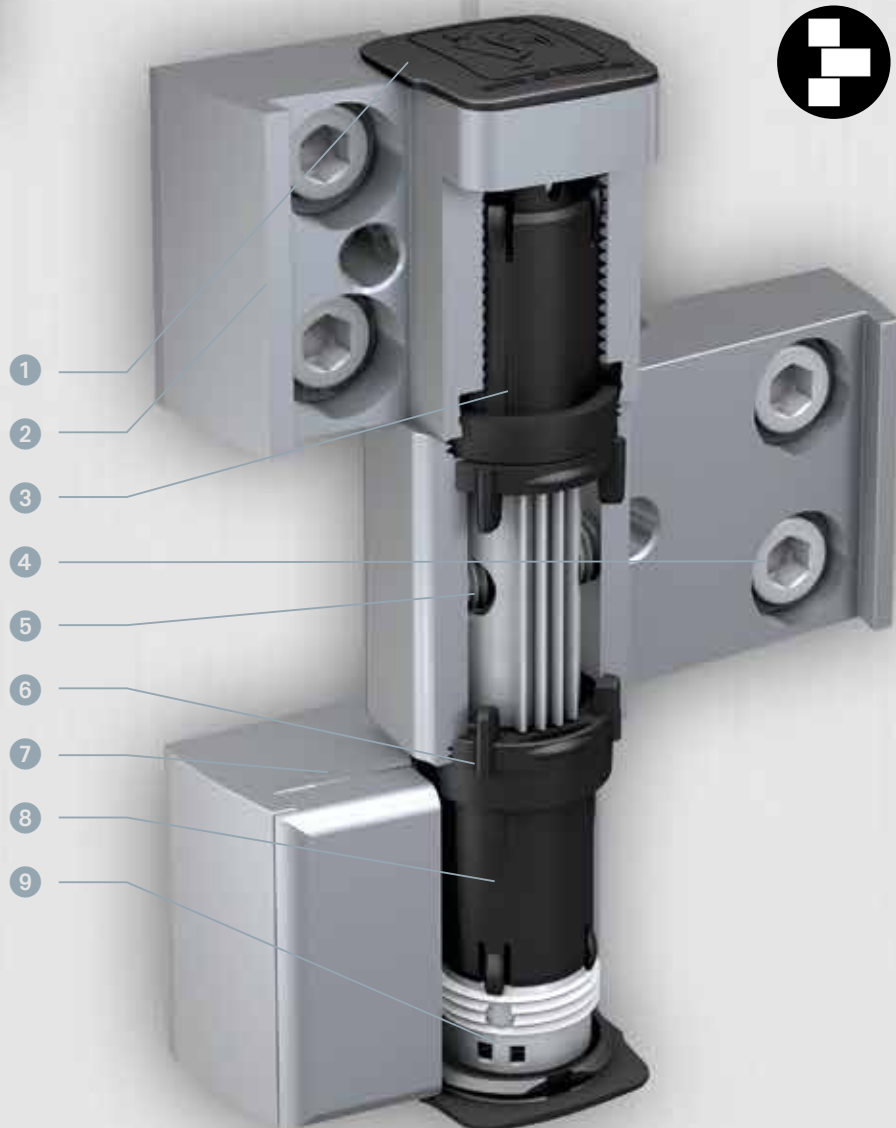
# Hahn Serie 60 AT

Universal hinge for versatile application



**MORE MODERN LOOK  
IMPROVED TECHNOLOGY**







## Hahn Serie 60 AT

For all doors made from metal profile sections

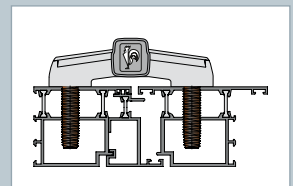
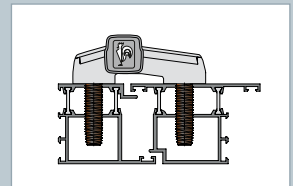
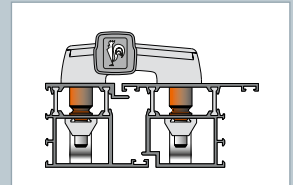
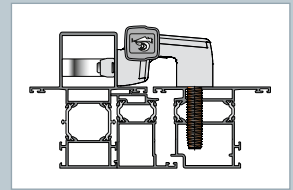
- 1 **NEW!** Uniform caps  
– now with long-term hold
  - 2 **Screw-on hinge of extruded aluminium** – withstands significant pressure and tensile forces
  - 3 **Split stainless steel pins**  
– for easier disassembly
  - 4 **NEW!** Choose freely between Hahn fastening elements  
– suits every profile situation
- NEW!** Larger setting range
- 5 **Horizontal adjustment**  
 $\pm 2.5$  mm on installed doors  
– ensuring an optimum fit
  - 6 **Both parts of the hinges are equipped with a synthetic sleeve offering**  
– improved antifriction property
  - 7 **NEW!** Cover strip secured  
– for improved protection against break-ins

**NEW!** Adjustable with door leaf installed

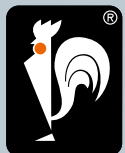
- 8 **Adjust sealing pressure**  
 $\pm 0.5$  mm (necessary to remove the door leaf for some variations)
- 9 **Height adjustment using integrated lifting and lowering spindle** – continually variable  $+ 3$  mm/ $-2$  mm and easy adjustment

### Other advantages

- Adjustable in six directions while door leaf is mounted
- Capable of supporting up to 220 kg (3-piece) or 140 kg (2-piece) depending on the design of the profile sections
- Available for all common aluminium and steel profile sections
- The standard version comes with high corrosion resistance
- The hinge system offers a variety of possible combinations and mounting options for inward and outward opening doors with alternating profile and corner post construction
- Can be used on left or right
- Special designs for folding doors and intrusion-resistant doors
- Hinges available in anodised and RAL colours
- Bearing point maintenance-free – no lubrication necessary





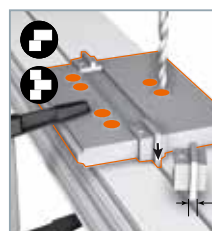


## ... more convenience for door makers

A hinge for (almost) every application:  
Hahn Serie 60 AT hinges are universally  
usable for almost all system profiles.  
They are durable and always remain stable  
even when subject to intensive use.  
Both parts of the hinge are equipped  
with a low-maintenance bearing bushing.  
That improves the antifriction properties  
for several hundred thousand cycles.  
Moreover, it can be adjusted in six  
directions – by one person and without  
having to loosen the fastening screws,  
and now even when the door leaf is  
already installed.

## Installation instructions

Fastening method anchor screw



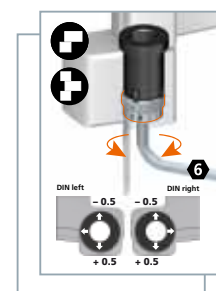
Drill 11 mm diameter  
holes.



## Convenient and reliable

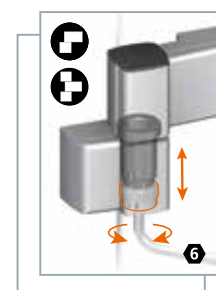
The cover strips are equipped with a tension bolt, which is fixed from behind and which prevents access to the fastening screws. To contribute to protection against break-ins, Hahn offers security sets as an accessory for doors that open outward. The hinge system offers a variety of possible combinations and mounting options for inward and outward opening doors with reversible profile and corner post construction.

## Adjustment instructions

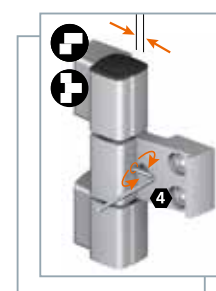


### Adjusting the sealing pressure

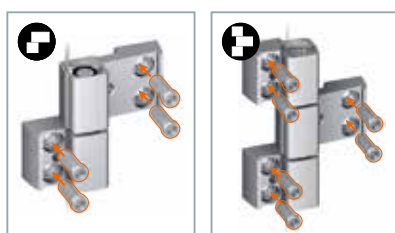
Increase sealing pressure: + 0.5 mm, mark points towards the door. Decrease sealing pressure: - 0.5 mm, mark points away from the door.



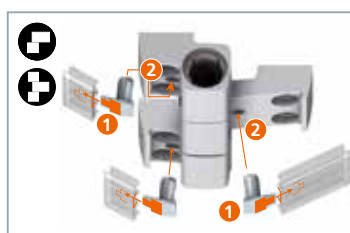
### Adjusting the height + 3/- 2 mm



### Horizontal adjustment $\pm 2.5$ mm



Tighten screws of the hinge body (20–25 Nm).



Slide tension bolt into cover strip. Snap-on cover strip. Snap caps in place.





## For all doors made from metal profile sections











Be it main doors, side doors or functional doors, interior, exterior or entry doors, the Hahn Serie 60 AT is a door hinge that performs as expected for the long term. Before a Hahn hinge can be rolled out, the ready-for-production hinge is subjected to testing with over 200,000 opening cycles. In doing so, the hinge must also prove itself under unfavourable conditions. It is only after these tests have been completed successfully that the hinge can be released. This guarantees that a Hahn hinge is reliable over the long term, a benefit that is much appreciated by architects, system suppliers, door makers and building owners.

**MADE IN GERMANY**

## Including CE certificate

Both hinge versions of the Series 60 AT were tested by a testing laboratory with regard to a high load capacity. The 2-piece and 3-piece version have attained hinge class 14 – the currently highest rating available for single-axis door hinges. The 3-piece version with a borehole gauge of 125 mm has earned the hinge class 11 rating based on special testing criteria, whereby its high load capacity was also certified by the testing laboratory. The standard version of the Series 60 AT hinges is suited for their usability on smoke-resistant and fire safety doors within the framework of component testing.



								
	Service class	Durability	Weight of test door	Fire resistance	Security	Corrosion resistance	Intrusion protection	Hinge class
<b>SERIE 60 AT</b> 	4	7	7	0	1	4 (5*)	1	14
<b>SERIE 60 AT</b> 	3/4	7	4/7	0/1*	1	4 (5*)	0/1	11/14*

Suitable for installation on doors placed along emergency escape routes.

Position 4\*: Suitable for use on fire protection doors for hinges of class 14,

Certified by ift Rosenheim Nr. 16-003127-PRO 1 (PB-C04-01-de-02) dated 27.09.2016.

Position 6\*: class 5 in accordance with EN 1670:2007.

Position 8\*: item M781\_ fulfils the class 11.

**SERIE 60 AT**  EC certificate number **1309-CPR-0256**

The classification **4 7 7 0 1 5 1 14** means:

A door hinge for (4) very heavy usage, which has undergone endurance testing of (7) 200,000 cycles, for a door weighing up to (7) 160 kg, not suited for (0) fire and smoke protection, possesses a (5) corrosion resistance of 480 h and can be used on (1) anti-burglar doors.

In addition to that, testing was conducted based on 20 cycles with 320 kg and 5 cycles with 480 kg and successfully completed in accordance with EN 1935.

**SERIE 60 AT**  EC certificate number **1309-CPR-0257**

The classification **4 7 7 1 1 5 1 14** means:

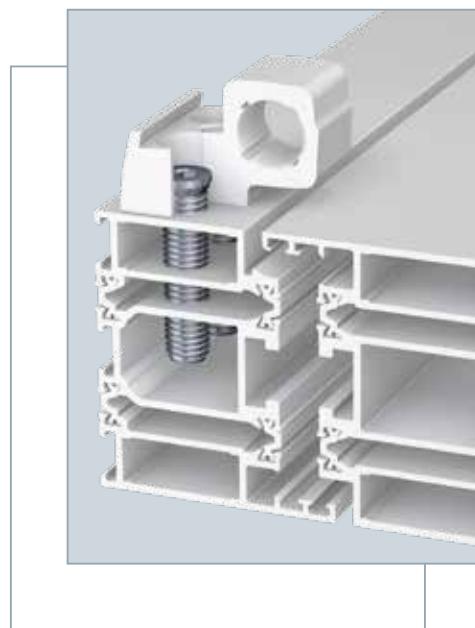
A door hinge for (4) very heavy usage, which has undergone endurance testing of (7) 200,000 cycles, for a door weighing up to (7) 160 kg, suited for (1) fire and smoke protection, possesses a (5) corrosion resistance of 480 h and can be used on (1) anti-burglar doors.

In addition to that, testing was conducted based on 20 cycles with 320 kg and 5 cycles with 480 kg and successfully completed in accordance with EN 1935. The product verifiably withstands a shear load of at least 15 kN.



## Hardly possible to be more universal

The requirements placed on hinge mounting are just as diverse as the system landscapes that hinges have to serve. For this reason, Dr. Hahn developed the Hahn screw anchor revolutionising hinge mounting in 2003. The Hahn anchor screw followed in 2007. Both fastening methods have now become permanent fixtures in the workshops of door installation firms world-wide. For the first time ever, a Hahn hinge can now utilise the entire range with the new Hahn Serie 60 AT. Of course, it depends on the door situation that the installer has to deal with. For hinges with a pivoting point of 20 mm, installers can decide on their own which mounting method they would like to order additionally for the hinge. Delivery of hinges with pivoting points other than 20 mm or 36 mm always take place completely in a box incl. fastening elements. As a result, the Hahn Serie 60 AT is able to satisfy a wide variety of situations and offers door installers maximum flexibility.



**NEW!** The Hahn Serie 60 AT is now also available for individual borehole gauges in a practical industry package of 24 hinges (2-piece) or 18 hinges (3-piece). Original Hahn fastening elements can also be ordered as needed (see page 16).

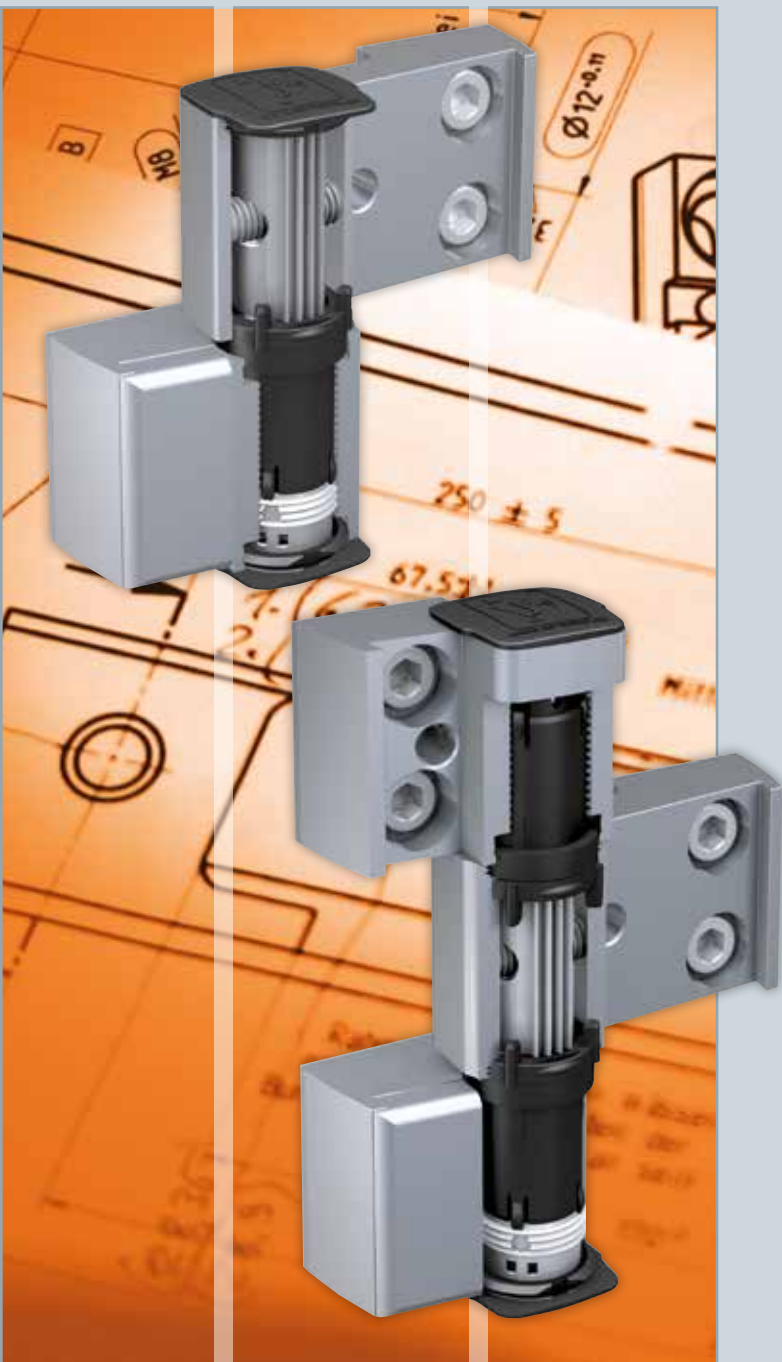




# Hahn Serie 60 AT

Universal hinge for metal doors

## SYSTEM

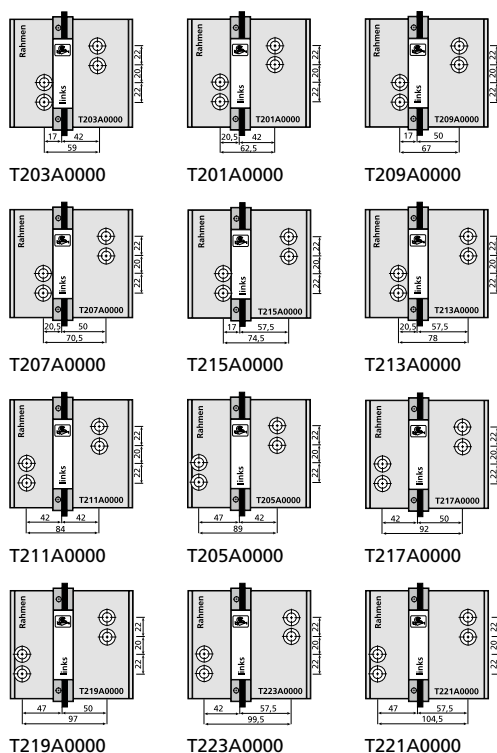


### System/Application

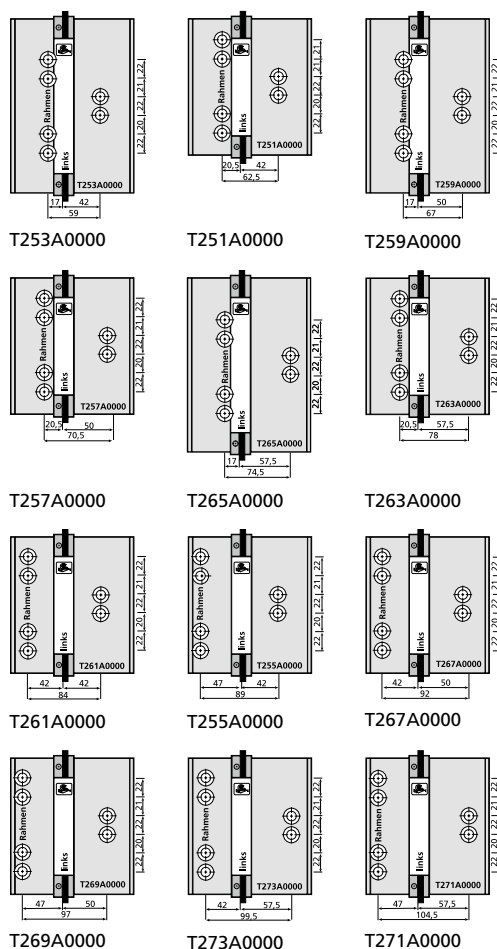
- **Material**  
Made of extruded aluminium
- **Fastening methods**  
Fastening using anchor screw, screw anchor or section reinforcement plates 15 and 21 mm
- **Versions**  
Two pivoting points: 20 mm and 36 mm
- **Load capacity**  
Depending on profile section design, max. 140 kg (2-piece), max. 220 kg (3-piece)
- **Adjustability**  
Door leaf adjustable in six directions:
  - Horizontal adjustment, variable up to  $\pm 2.5$  mm
  - Vertical adjustment using integrated lifting and lowering spindle, raising + 3 mm, lowering – 2 mm
  - Sealing pressure  $\pm 0.5$  mm
- **Colours**  
Hinges available in anodised and RAL colours
- **Doors open up to  $> 180^\circ$**
- **Bearing point maintenance-free**



## Drilling jigs



## Drilling jigs



## General suggestions for hinge placement









The following design fundamentals are authoritative for hinge placement: size and weight of door, wall thickness of section, frame design, how the door opens, type of loading, hinge mounting. This information is essential for a precise design calculation.

	Object	Max. door size [mm]	Max. door weight [kg]	Upper door closer	Swing door drive mechanism	Closing sequence controller
Normal usage	Detached house	1,250 x 2,000	120			
	Detached house	1,250 x 2,000	140			
	Building with multiple dwellings	1,250 x 2,000	120			
	Building with multiple dwellings	1,250 x 2,000	140			
	Building with multiple dwellings	1,250 x 2,000	120	■		
	Building with multiple dwellings	1,250 x 2,000	140	■		
Heavy usage	Hospital, school, ...	1,250 x 2,000	120	■		
	Hospital, school, ...	1,250 x 2,000	140			
	Hospital, school, ...	1,250 x 2,000	120		■	
	Hospital, school, ...	1,250 x 2,000	140		■	
	Hospital, school, ...	1,250 x 2,000	120			■
	Hospital, school, ...	1,250 x 2,000	140			■

These general hinge placement suggestions take into account frame sections of normal width (approx. 45 mm) with wall thicknesses of approx. 2 mm. Since the individual door frame systems vary significantly in terms of projected widths and wall thicknesses and the mounting of hinges to the frame play a major role, we recommend that you make use of our free design calculation service, should you have any doubts. To determine the necessary placement of hinges, various information is required. Please request our questionnaire on hinge placement. **Please note:** All statements and calculations relate exclusively to Original Hahn hinges in conjunction with original Hahn fastening elements and take into account their specific characteristics.

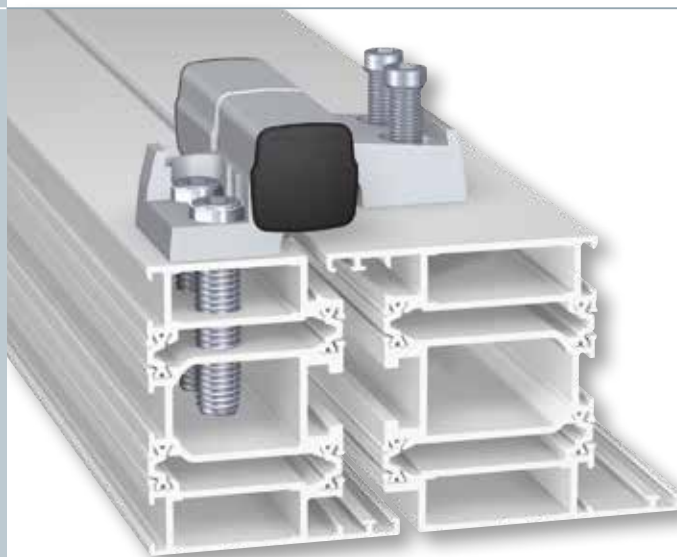
## Recommended hinge placement

## Arrangement

	Distance from door edge approx. 150 mm
	Third hinge approx. 150 mm below the top hinge
	Distance from door edge approx. 150 mm
	Third hinge approx. 150 mm below the top hinge
	Third hinge approx. 150 mm below the top hinge
	Third hinge approx. 150 mm below the top hinge, fourth in middle
	Third hinge approx. 150 mm below the top hinge
	Third hinge approx. 150 mm below the top hinge, fourth in middle
	Third hinge approx. 150 mm below the top hinge
	Third hinge approx. 150 mm below the top hinge, fourth in middle
	Third hinge approx. 150 mm below the top hinge
	Third hinge approx. 150 mm below the top hinge, fourth in middle

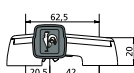




Bearing points made of maintenance-free plastic containing Teflon – do not lubricate!

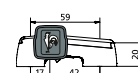




**NEW!** Now with Hahn anchor screw for especially fast processing

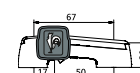
## Versions for installation with all Hahn fastening elements





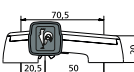
 M701 □ E000  
 M751 □ E000





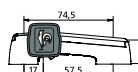
 M703 □ E000  
 M753 □ E000





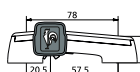
 M709 □ E000  
 M759 □ E000





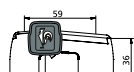
 M707 □ E000  
 M757 □ E000





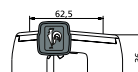
 M715 □ E000  
 M765 □ E000





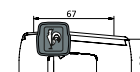
 M713 □ E000  
 M763 □ E000





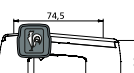
 M704 □ E000  
 M754 □ E000





 M702 □ E000  
 M752 □ E000





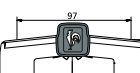
 M710 □ E000  
 M760 □ E000





 M716 □ E000  
 M766 □ E000



 M718 □ E000  
 M768 □ E000



 M720 □ E000  
 M770 □ E000

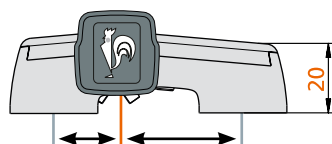
Many other applications available on request





## Separate order of hinge and fastening elements

Pivoting point 20 mm

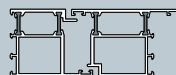
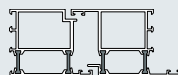


Bore hole  
gauge

Profile combination  
for inward opening  
doors (example)

Profile combination  
for outward opening  
doors (example)

Profile combination  
for inward opening  
doors with  
alternating section  
(example)



17 42 mm

59 mm

M703

M753

M703

M753

17 50 mm

67 mm

M709

M759

M709

M759

20.5 42 mm

62.5 mm

M701

M751

M701

M751

20.5 50 mm

70.5 mm

M707

M757

M707

M757

17 57.5 mm

74.5 mm

M715

M765

20.5 57.5 mm

78 mm

M713

M763

42 42 mm

84 mm

42 50 mm

92 mm

42 57.5 mm

99.5 mm

47 42 mm

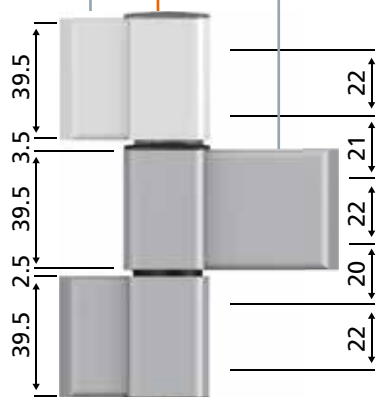
89 mm

47 50 mm

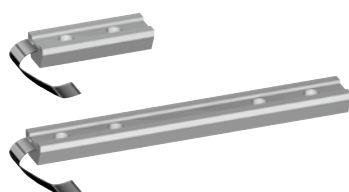
97 mm

47 57.5 mm

104.5 mm



Mounting plates

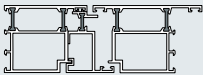



Anchor screws



For item numbers of fastening elements, see page 16



Profile combination for outward opening doors with alternating section (example)		Colour key	Packing unit			Your stock number			Drilling jigs	
		Other colours available. Please indicate separately.								
		0 = unfinished, for anodisation 1 = EV1 anodised 2 = unfinished, for coating R = Electro-coated in matt brown 4 = RAL 9010 coated 5 = RAL 8077 coated 6 = RAL 9016 coated 9 = other colour as per specification	Single unit package PU = 1	Industry package PU = 24	Industry package PU = 18	Basic designation	Colour number	Packing unit	Item number T <input type="text"/> <input type="text"/> <input type="text"/> A0000	
 		0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			2 0 3 2 5 3	
		0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			209 259	
		0 1 2 R 4 5 6 9	E000	V000	V001	M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			201 251	
		0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			207 257	
		0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			215 265	
		0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			213 263	
	M711	0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			211 261	
	*)	0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			217 267	
	*)	0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			223 273	
	M705	0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			205 255	
	*)	0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			219 269	
	*)	0 1 2 R 4 5 6 9	E000			M7 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			221 271	

\*) We recommend using a 3-piece variation

## Screw anchor



For item numbers of fastening elements, see page 16

## Sample order

- Hahn Universal Hinge Serie 60 AT  
3-piece  
Bore hole gauge 89 mm  
Pivoting point 20 mm

Assigned number as per product overview: M755\_

M755

- Electro-coated in matt brown

M755R

- Single unit package

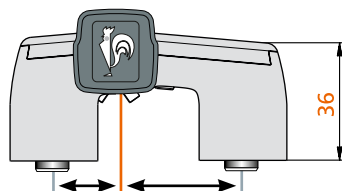
M755RE000

Alternative designs and combinations based on installation drawing or their description: Designs and combinations receive individual stock numbers.

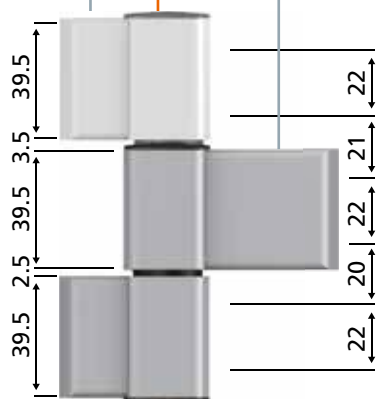


## Separate order of hinge and fastening elements

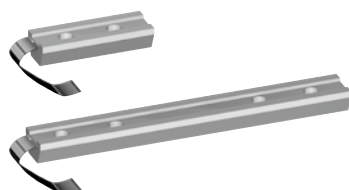
Pivoting point 36 mm



		Bore hole gauge	Profile combination for inward opening doors (example)		Profile combination for outward opening doors (example)		Profile combination for inward opening doors with alternating section (example)	
			⊕	⊕	⊕	⊕	⊕	⊕
17	42 mm	59 mm	M704	M754	M704	M754		
17	50 mm	67 mm	M710	M760	M710	M760		
20.5	42 mm	62.5 mm	M702	M752	M702	M752		
20.5	50 mm	70.5 mm	M708	M758	M708	M758		
17	57.5 mm	74.5 mm					M716	M766
20.5	57.5 mm	78 mm					M714	M764
42	42 mm	84 mm						
42	50 mm	92 mm						
42	57.5 mm	99.5 mm						
47	42 mm	89 mm						
47	50 mm	97 mm						
47	57.5 mm	104.5 mm						
20.5	42 mm							
20.5	57.5 mm							



Mounting plates






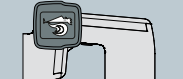
Anchor screws



For item numbers of fastening elements, see page 16





Profile combination for outward opening doors with alternating section (example)		Profile combination for corner post construction (example)		Colour key	Packing unit			Your stock number			Drilling jigs	
 		 		Other colours available. Please indicate separately	Single unit package PU = 1	Industry package PU = 24	Industry package PU = 18	Basic designation	Colour number	Packing unit	Item number	
				0 = unfinished, for anodisation 1 = EV1 anodised 2 = unfinished, for coating R = Electro-coated in matt brown 4 = RAL 9010 coated 5 = RAL 8077 coated 6 = RAL 9016 coated 9 = other colour as per specification							T	A0000
				0 1 2 R 4 5 6 9	E000			M7			2 0 3	2 5 3
				0 1 2 R 4 5 6 9	E000			M7			209	259
				0 1 2 R 4 5 6 9	E000			M7			201	251
				0 1 2 R 4 5 6 9	E000			M7			207	257
				0 1 2 R 4 5 6 9	E000			M7			215	265
				0 1 2 R 4 5 6 9	E000			M7			213	263
M712	M762			0 1 2 R 4 5 6 9	E000			M7			211	261
M718	M768			0 1 2 R 4 5 6 9	E000			M7			217	267
M724	M774			0 1 2 R 4 5 6 9	E000			M7			223	273
M706	M756			0 1 2 R 4 5 6 9	E000			M7			205	255
M720	M770			0 1 2 R 4 5 6 9	E000			M7			219	269
**)	M772			0 1 2 R 4 5 6 9	E000			M7			221	271
	M749*)	M799*)		0 1 2 R 4 5 6 9				M7			Please contact us for the article number of corner hinge combinations.	
	M748*)	M798*)		0 1 2 R 4 5 6 9				M7				

\*) When ordering corner post constructions, please indicate the profile section system and profile combination.  
\*\*) Item number on request

## Screw anchor



For item numbers of fastening elements, see page 16

## Sample order

- Hahn Universal Hinge Serie 60 AT  
2-piece  
Bore hole gauge 62.5 mm  
Pivoting point 36 mm

Assigned number as per product overview: M702-----

M702

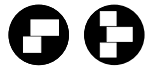
- RAL 9010 coated

M7024














































- Industry package PU = 24

M7024V000














































Alternative designs and combinations based on installation drawing or their description: Designs and combinations receive individual stock numbers.



## Anchor screw

Variation	Item number	PU for*	Variation	Item number	PU for*
 <b>37.5 mm</b> <b>19.5 mm</b> Steel Effective length	VP02A0012	 1	 <b>37.5 mm</b> <b>19.5 mm</b> Stainless steel Effective length	VP02A0013	 1
	VP03A0012	 1		VP03A0013	 1
	VP02B0012	 24		VP02B0013	 24
	VP03C0012	 18		VP03C0013	 18
 <b>48 mm</b> <b>30 mm</b> Steel Effective length	VP02A0014	 1	 <b>48 mm</b> <b>30 mm</b> Stainless steel Effective length	VP02A0015	 1
	VP03A0014	 1		VP03A0015	 1
	VP02B0014	 24		VP02B0015	 24
	VP03C0014	 18		VP03C0015	 18
 <b>58 mm</b> <b>40 mm</b> Steel Effective length	VP02A0016	 1	 <b>58 mm</b> <b>40 mm</b> Stainless steel Effective length	VP02A0017	 1
	VP03A0016	 1		VP03A0017	 1
	VP02B0016	 24		VP02B0017	 24
	VP03C0016	 18		VP03C0017	 18
 <b>74 mm</b> <b>56 mm</b> Steel Effective length	VP02A0019	 1	 <b>74 mm</b> <b>56 mm</b> Stainless steel Effective length	VP02A0020	 1
	VP03A0019	 1		VP03A0020	 1
	VP02B0019	 24		VP02B0020	 24
	VP03C0019	 18		VP03C0020	 18
 <b>58 mm</b> <b>40 mm</b> For steel profiles Effective length	VP02A0018	 1			
	VP03A0018	 1			
	VP02B0018	 24			
	VP03C0018	 18			

## Screw anchor

 <b>36 mm</b> <b>27 mm</b> Steel Effective length	VP02A0003	 1	 <b>36 mm</b> <b>27 mm</b> Stainless steel Effective length	VP02A0004	 1
	VP03A0003	 1		VP03A0004	 1
	VP02B0003	 24		VP02B0004	 24
	VP03C0003	 18		VP03C0004	 18
 <b>41 mm</b> <b>32 mm</b> Steel Effective length	VP02A0005	 1	 <b>41 mm</b> <b>32 mm</b> Stainless steel Effective length	VP02A0006	 1
	VP03A0005	 1		VP03A0006	 1
	VP02B0005	 24		VP02B0006	 24
	VP03C0005	 18		VP03C0006	 18
 <b>51 mm</b> <b>42 mm</b> Steel Effective length	VP02A0007	 1	 <b>51 mm</b> <b>42 mm</b> Stainless steel Effective length	VP02A0008	 1
	VP03A0007	 1		VP03A0008	 1
	VP02B0007	 24		VP02B0008	 24
	VP03C0007	 18		VP03C0008	 18
 <b>55 mm</b> <b>46 mm</b> Steel Effective length	VP02A0010	 1	 <b>55 mm</b> <b>46 mm</b> Stainless steel Effective length	VP02A0011	 1
	VP03A0010	 1		VP03A0011	 1
	VP02B0010	 24		VP02B0011	 24
	VP03C0010	 18		VP03C0011	 18
 <b>51 mm</b> <b>42 mm</b> For steel profiles Effective length	VP02A0009	 1			
	VP03A0009	 1			
	VP02B0009	 24			
	VP03C0009	 18			

## Mounting plate

 <b>15</b> 15 mm	VP02A0000	 1	 <b>21</b> 21 mm	VP02A0001	 1
	VP03A0000	 1		VP03A0001	 1
	VP02B0000	 24		VP02B0001	 24
	VP03C0000	 18		VP03C0001	 18

\* PU for = Packing unit for indicated number of hinges



1 Item number on request



2 Item number on request



3 Item number on request



4 Item number on request



5 M700G0002



7 M700K0000



8 M700K0020



9 M700G0000



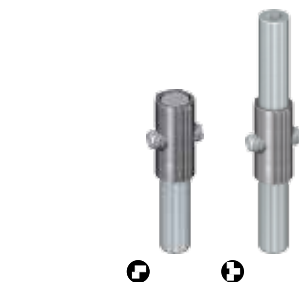
10 M700K0041



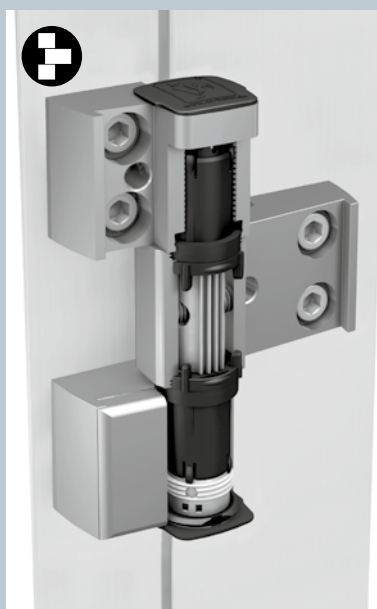
11 DIN912M4X14A2



12 D914M6X6

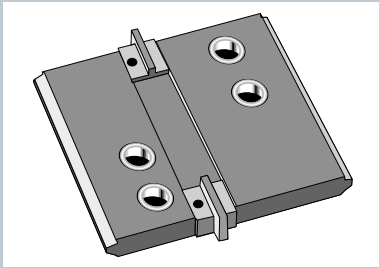
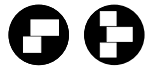


6 M700B0001 for bearing pin assembly  
M700B0002 for bearing pin assembly



- |                                     |                                |
|-------------------------------------|--------------------------------|
| 1 Frame hinge blade                 | 7 Bearing bushing              |
| 2 Door hinge blade                  | 8 Upthrust washer              |
| 3 Cover strip for frame hinge blade | 9 Lifting and lowering spindle |
| 4 Cover strip for door hinge blade  | 10 Cap                         |
| 5 Tension bolt                      | 11 Screw M4 x 14               |
| 6 Bearing pin                       | 12 Set-screw M6 x 6            |



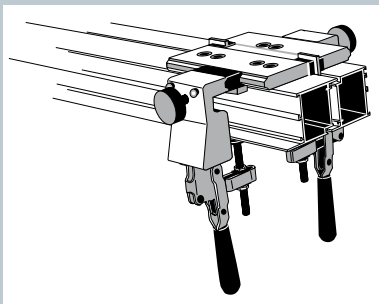
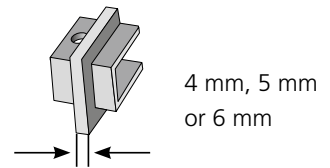


Drilling jig consisting of:

- 1 drill plate
- 3 pairs of spacers for shadow groove (4, 5 and 6 mm)
- 2 grooved pins Ø 5 mm for self-installation

Item numbers see page 10

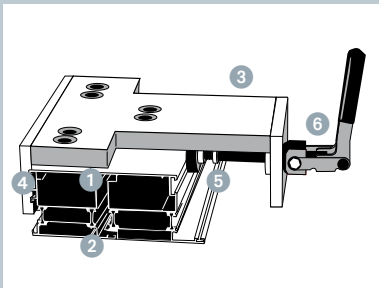
Spacers



Add-on set for setting up a quick-clamping drilling jig consisting of:

- 2 clamping units
- 2 large spacers with 4 screws M6 x 75
- 1 small spacer with 2 screws M6 x 60
- 4 screws M6 x 40 (for installation without spacers)

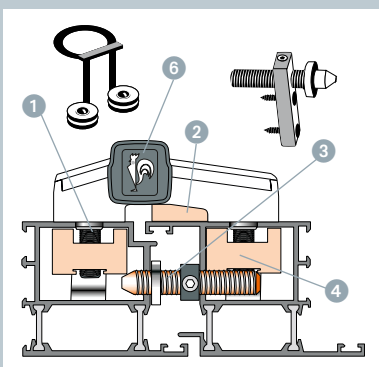
The add-on set is mounted on the existing drilling jig.  
The quick-clamping drilling jig is suited for projected widths up to approx. 90 mm (frame) or approx. 110 mm (leaf).



Quick-clamping drilling jig

- ① Omission of spacers on the hinge side
- ② No longer necessary to twist sections
- ③ Less clamping tools – no complicated fastening of drilling jig with screw clamps
- ④ Section-fitted mounting
- ⑤ Plastic pressure disk to prevent damage to section
- ⑥ Pretension adjustable to section tolerances

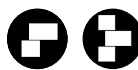
Please contact us  
if you would like to  
order a quick-clamping  
drilling jig.



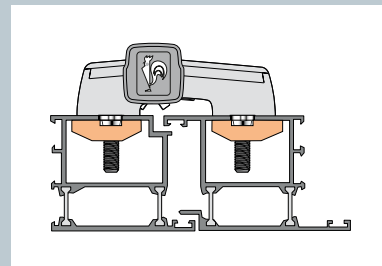
Special accessories for intrusion protection  
(Special design for intrusion-resistant doors)

- ① Set of balls for securing the hexagon sockets of fastening screws for doors that open outwards
- ② Plate to support the hinge blade on the section
- ③ Collared safety mandrel to prevent the door from being forced open
- ④ Section-based mounting plates
- ⑤ Snap-off screw
- ⑥ Saw-resistant bearing pin

For item numbers see overleaf



Wide mounting plates for thin-walled steel sections



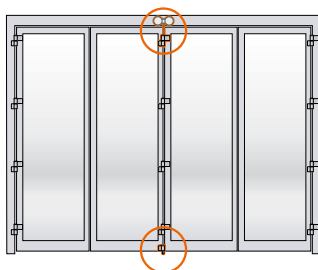
Special rust-proof version

Mounting plate



Folding door hinges

Hinge for roller unit,  
suitable for folding door hinges  
**M12 and M16**



# Hahn Serie 60 AT

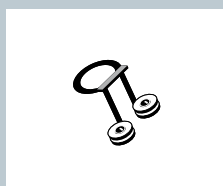
## Item numbers Accessories

Slip-type drill bush  
5 mm/11 mm



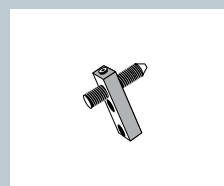
A650A0056

Ball set  
PU=40 balls, 2 each  
in special holder



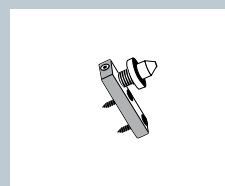
A850A0011

Safety mandrel



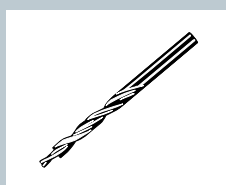
A650A0017

Safety mandrel  
with collar



A850A0000

Step drill  
11 mm diameter



A650A0035

Counterbore  
11 mm/15 mm



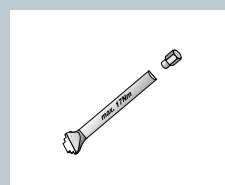
A650A0033

Special screw driver  
for adjustable spacing  
collar



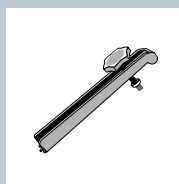
A650A0036

BIT screw driver  
for adjustable spacing  
collar



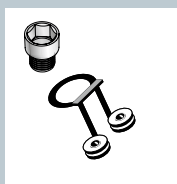
A650A0037

Drawing tool  
(for 3-piece hinges)



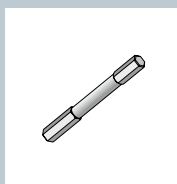
A850A0015

Security kit (for  
3-piece hinges)  
PU=4 balls, 2 each  
in special holder



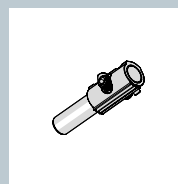
A650A0107

Special bit for  
screw anchors and  
fastening screws



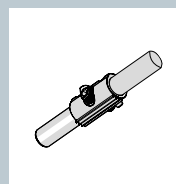
A750A0027

Saw-resistant  
bearing pin  
(for 2-piece hinges)  
PU=24 pieces



M750A0023

Saw-resistant  
bearing pin  
(for 3-piece hinges)  
PU=24 pieces



M750A0024

In the standard delivery condition, Hahn Serie 60 AT is always delivered without fastening elements. Hahn hinge and Hahn fastening elements are ideally geared to each other. Please note that due to this, product warranty for the proper functionality of the products is subject to the use of both original products. Dr. Hahn does not assume liability if third-party products are used.

**Please note:** Hahn Serie 60 AT is offered with pivoting points up to 36 mm. If through any further processing higher pivoting points are achieved the producer's liability becomes void.