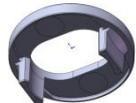
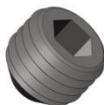


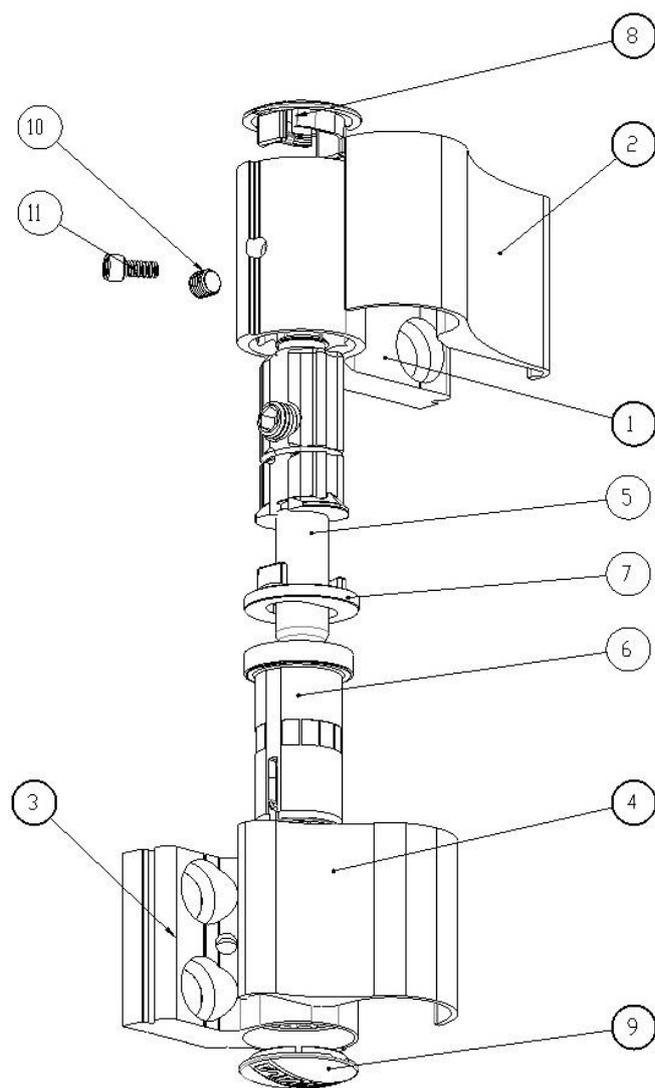
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Instructions for installation of WX type door hinges

An asymmetric two-wing hinge includes the following components:

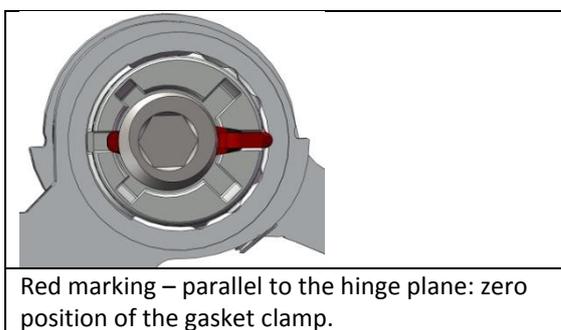
1	Top wing	1 pc.	
2	Top wing cover	1 pc.	
3	Bottom wing	1 pcs.	
4	Bottom wing cover	1 pc.	
5	Pin assembly	1 pc.	
6	Adjustment bushing	1 pc.	
7	Washer	1 pc.	
8	Top plug	1 pc.	
9	Bottom plug	1 pc.	
10	M6x5 set screw	2 pcs.	
11	M4x8 hexagon cylinder head screw	2 pcs.	

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Hinge assembly procedure:

- Insert the M6x5 set screw (10) into the top wing (3) and bottom wing (3). Do not tighten.
- Insert the pin (5) into the top wing (1).
- Insert the washer (7) onto the pin (5).
- Insert the bushing (6) into the bottom wing (3).



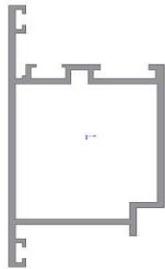
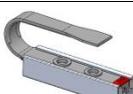
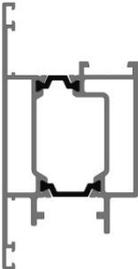
- Insert the pin (5) into the bushing (6).



The hinge is ready for installation in the profile.

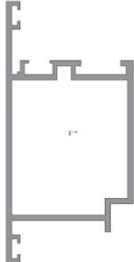
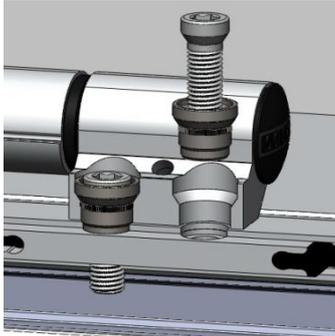
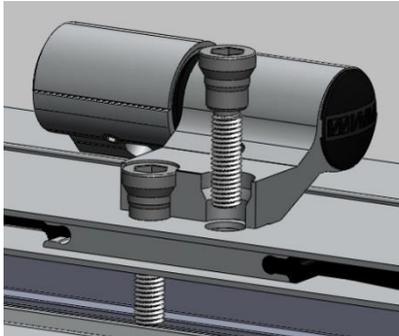
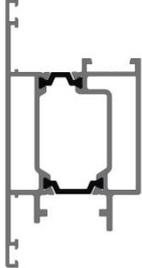
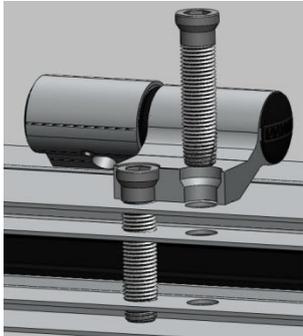
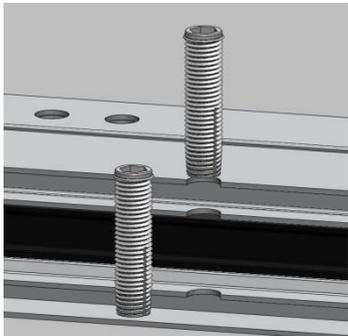
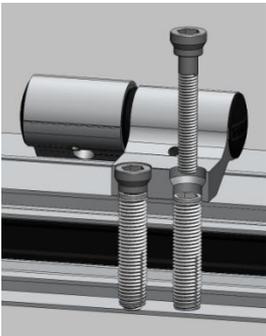
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Fixing sets:

Installation on profiles without a thermal break		using set sleeves and WKU connection block		
			Set sleeve	4 pcs.
			M8 screw	4 pcs.
			WKU connection block	2 pcs.
		using set screw and WKU connection block		
			Set screw	4 pcs.
			WKU connection block	2 pcs.
		using set sleeves and WN connection block		
			Set sleeve	4 pcs.
			M8 screw	4 pcs.
			WN connection block	2 pcs.
		using set screw and WN connection block		
			Set screw	4 pcs.
			WN connection block	2 pcs.
Installation on profiles with a thermal break		using „quick-screws”		
			Quick-screw	4 pcs.
		using TKO and special bolts		
			Dowel sleeve	4 pcs.
			TKO bolt	4 pcs.

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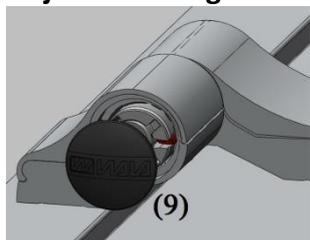
Fixing hinges to profiles using:

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Installation on profiles without a thermal break</p> 	<p>Set sleeves:</p>  <p>Drill a ϕ 11 mm hole in the profile.</p>
	<p>Set screw:</p>  <p>Drill a ϕ 11 mm hole in the profile. When tightening the screws, check the alignment of holes: connection block - profile.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Installation on profiles with a thermal break</p> 	<p>Quick-screws:</p>  <p>Drill a ϕ 11 mm hole in 3 walls of the profile. Screw tight 26-28 Nm.</p>
	<p>Dowel sleeves:</p>   <p>Drill a ϕ 11 mm hole in 3 walls of the profile. Drive in the TKO sleeves, then bolt the wing.</p>

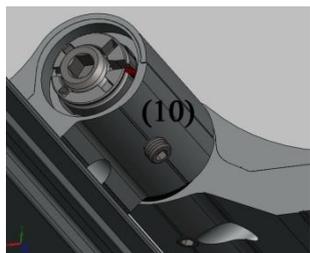
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Hinge adjustment:

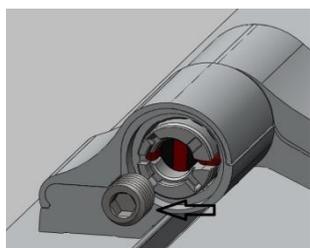
Adjustment of gasket clamping force:



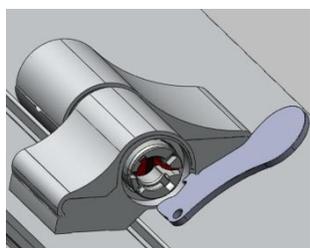
Remove the plug (9), (e.g. by prying with a flat screwdriver).



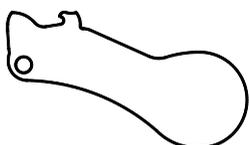
Open the door and loosen the M6x5 set screw  (10).



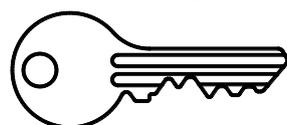
Remove the M12 set screw.



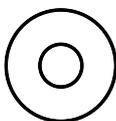
Insert:



"WALA" KEY



"LOB"
KEY

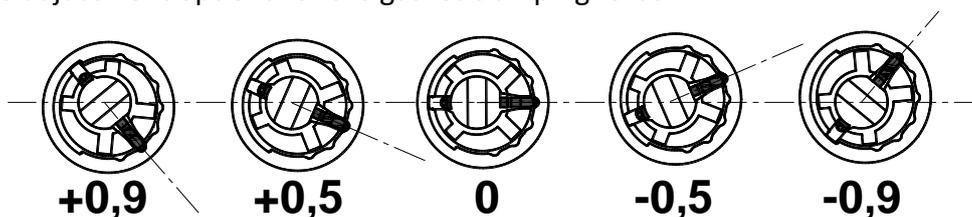


WASHER
OR
FLAT DISC $\phi 30$



Flat screwdriver, 15 mm
wide

Available adjustment options for the gasket clamping force:

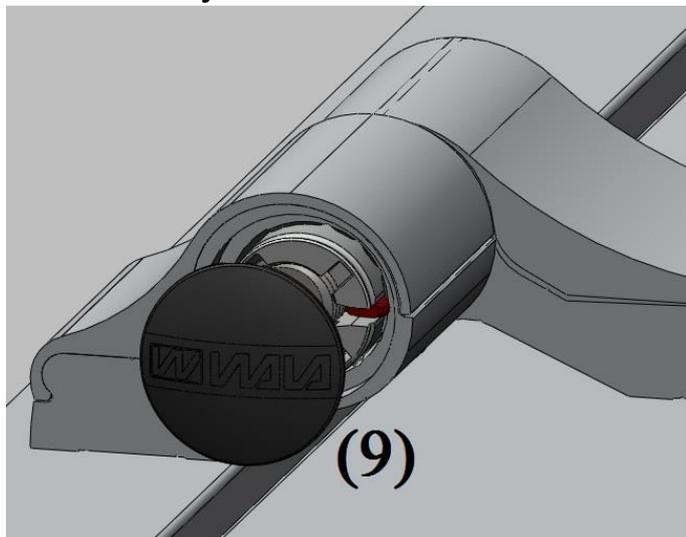


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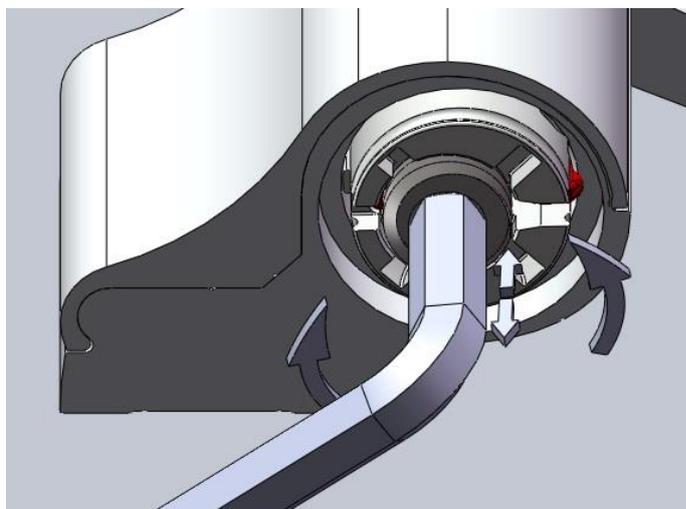
After the adjustment:

- drive in the M12 set screw [until a slight drag is noticed],
- insert and tighten the M6x5 set screw  (10),
- install the plug (9).

VERTICAL adjustment:



Remove the plug (9), (e.g. by prying with a flat screwdriver).



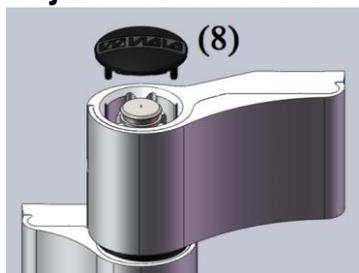
Tightening the M12 set screw adjusts the hinge vertically (+ 4mm).

After the adjustment:

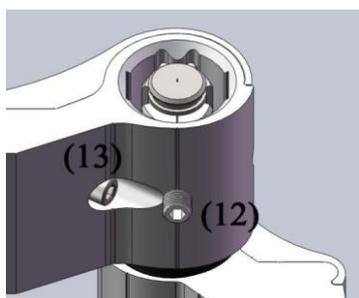
- insert and tighten the M6x5 set screw  (10),
- install the plug (9).

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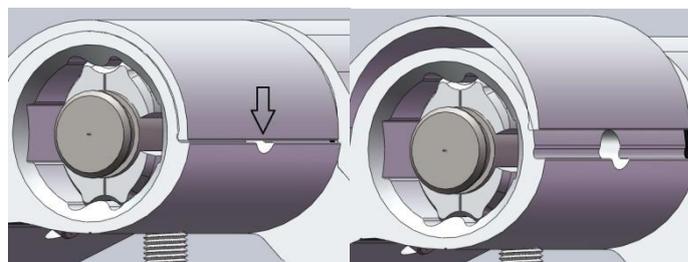
Adjustment of the leaf-to-frame clearance



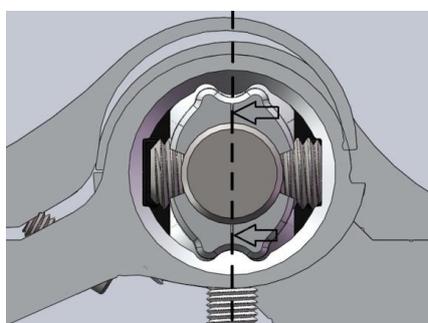
Remove the plug (8) (e.g. by prying with a flat screwdriver).



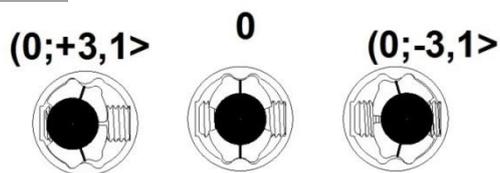
Open the door and loose the M4 screw (13) used for cover locking and loosen the M6x5 set screw (12).



Using the process hole, pull up the cover with a flat screwdriver to access adjustment devices.



The hinge is kept in zero position when the markings are aligned (coinciding with a theoretical axis).



Adjustment range

After the adjustment:

- tighten the M6x5 set screw (12),
- replace the covers,
- tighten the M4 screw (13),
- replace the plug (8).