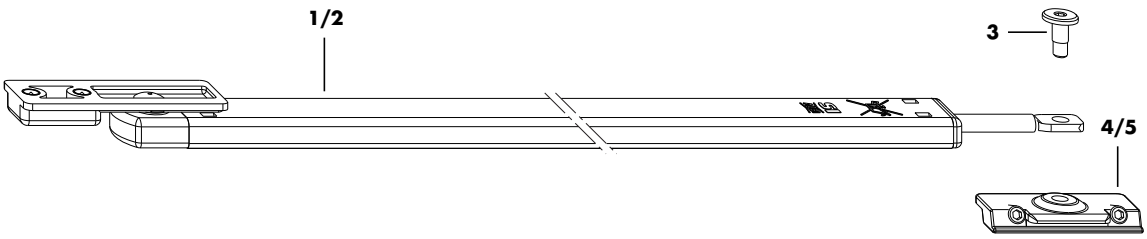
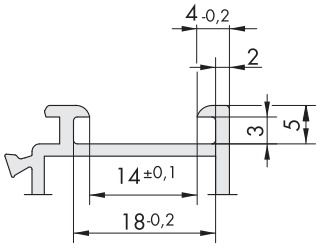
ALU accessories

Size 1 limiter with cushioning
Size 2 limiter with cushioning

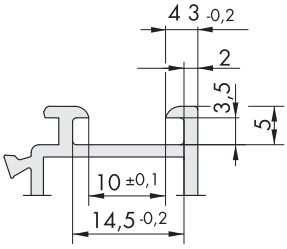


No.	Pc.	Description		Material no.		Material no.
	1	**Size 1 limiter with cushioning A 0006**	**1**	**MSBR0050-100010**	**10**	**MSBR0050-100020**
1	1	Size 1 cushioning				
3	1	Locking screw M4				
4	1	Top hinge block A0006				
	1	**Size 1 limiter with cushioning A 0004/A0022**	**1**	**MSBR0060-100010**	**10**	**MSBR0060-100020**
1	1	Size 1 cushioning				
3	1	Locking screwM4				
5	1	Top hinge block A0004/A0022				
	1	**Size 2 limiter with cushioning A 0006**	**1**	**MSBR0070-100010**	**10**	**MSBR0070-100020**
2	1	Size 2 cushioning				
3	1	Locking screw M4				
4	1	Top hinge block A0006				
	1	**Size 2 limiter with cushioning A 0004/A0022**	**1**	**MSBR0080-100010**	**10**	**MSBR0080-100020**
2	1	Size 2 cushioning				
3	1	Locking screw M4				
5	1	Top hinge block A0004/A0022				

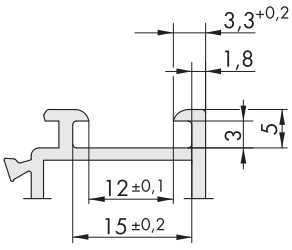
A0006



A0004



A0022



Scope of application (dependent on hardware)

(*only use limiter with cushioning in connection with a surface-mounted hinge side*)

			Windows/French doors min. max.	Sash weight max.
Sash width	(mm)	Size 1 limiter with cushioning	470 to 1000	100 kg
Sash width	(mm)	Size 2 limiter with cushioning	1001 to 1600	150 kg

Table of Contents

Scope of application ..... Page 1
Important notes ..... Page 2
Assembly instructions ..... Page 3
Warnings ..... Page 4

Assembly instructions
H48.ZUBHLS015en

Technical specifications and colours are subject to change

H48.ZUBHLS015en/0

Klik op een artikelnummer om het artikel op kozijnparts.nl te bekijken. Blauw onderstreept = klikbaar.

Assembly instructions

Sash

① Insert size 1/2 cushioning (**1/2**) below into the sash groove horizontally and position according to measurements (see Fig. 1).
② Secure grub screws (see Fig. 2) (torque 3 +0.5 Nm).

Frame

③ Insert top hinge block (**4/5**) into the frame groove and position according to measurements (see Fig. 1) and clamp using grub screws without any ends protruding (see Fig. 3) (torque 1.5 ± 0.25 Nm).

Note: Screw in the grub screws so there are no protruding ends (see figures on page 4).

Final assembly

④ Secure connecting rod on cushioning (**1/2**) on to top hinge block (**4/5**) using locking screw M4 (**3**) (see Fig. 4) (torque 2.5 + 0.25 Nm).

Observe the positioning steps ① - ④!

②

A-A "View rotated by 90°"

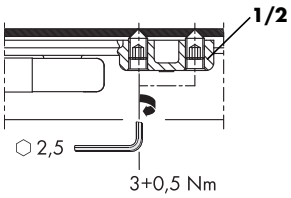


Fig. 2

③

X

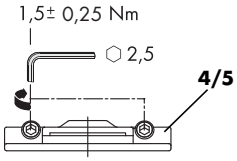


Fig. 3

④

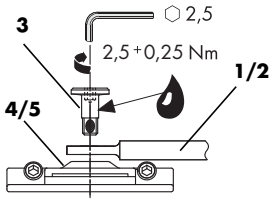
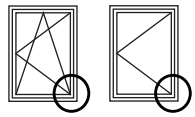


Fig. 4



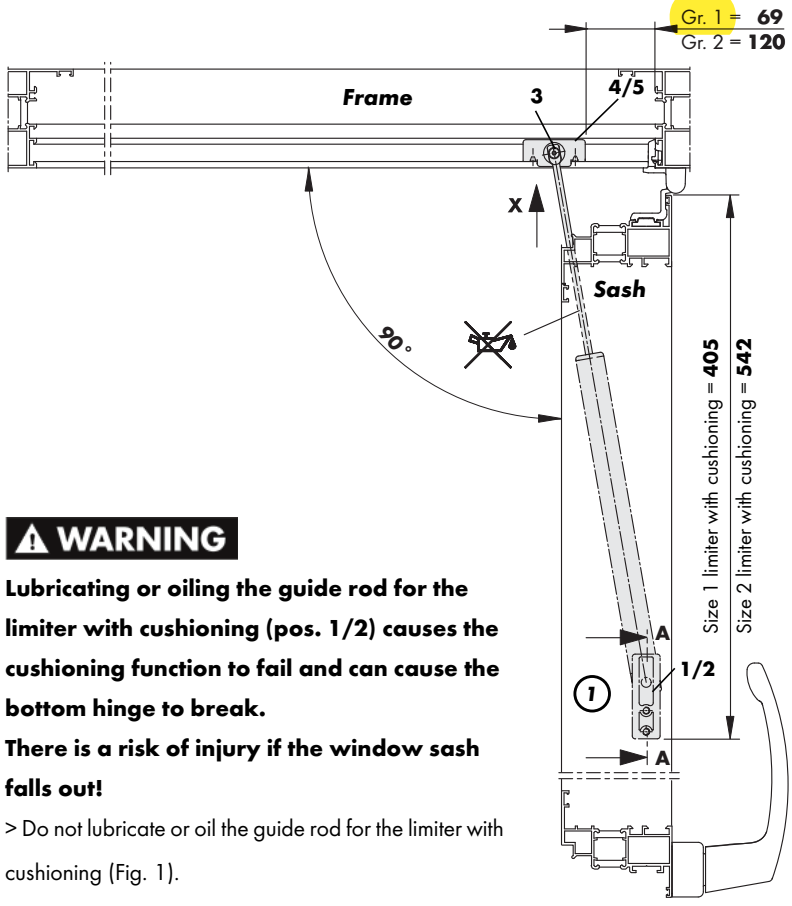


Fig. 1

⚠ WARNING

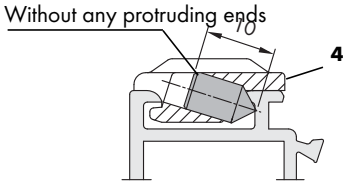
Lubricating or oiling the guide rod for the limiter with cushioning (pos. 1/2) causes the cushioning function to fail and can cause the bottom hinge to break.

There is a risk of injury if the window sash falls out!

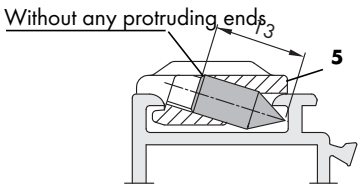
> Do not lubricate or oil the guide rod for the limiter with cushioning (Fig. 1).

Screwing the grub screws into the top hinge block (4/5)

A0006



A0004/A0022



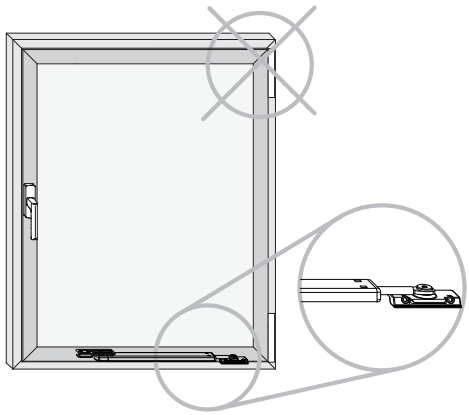
⚠ WARNING

Damage to the connecting rod prevents the limiter with cushioning from functioning correctly.

There is a risk of injury if the window sash falls out!

> Screw grub screws into the top hinge block (**4/5**) without any ends protruding, as shown in the figure opposite (torque 1.5 + 0.25 Nm).

Installation of the limiter with cushioning at the bottom of the hinge side (BSU)



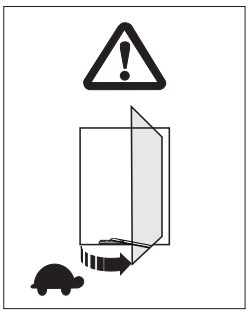
⚠ WARNING

Installation at the top of the hinge side will cause the hinge side to break.

There is a risk of injury if the window sash falls out!

> Only install the limiter with cushioning at the bottom of the hinge side, as shown in the figure opposite.

Opening the window sash



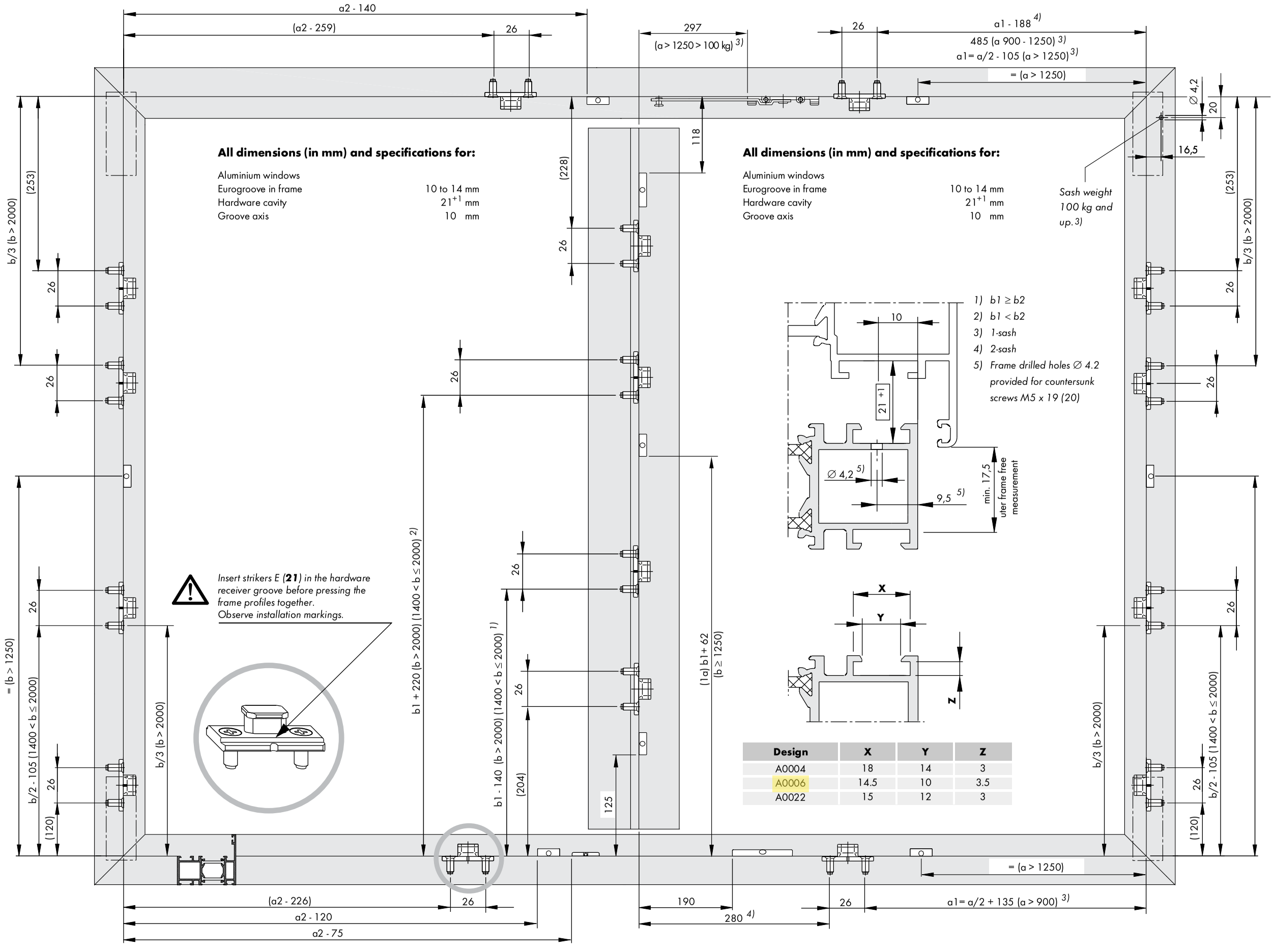
⚠ WARNING

Risk of injury and damage to property (hinge breakage) due to the sash falling out when opened incorrectly.

> Slowly move the sash into its end position by hand.
> Never let sashes swing open uncontrollably.

LM 4200-DS-E RC1+2 *Frame dimensions of secondary main*

LM 4200-DK-E RC1+2 *Frame dimensions of main sash*



All dimensions (in mm) and specifications for:

Aluminium windows	
Eurogroove in frame	10 to 14 mm
Hardware cavity	21^{+1} mm
Groove axis	10 mm

All dimensions (in mm) and specifications for:

Aluminium windows	
Eurogroove in frame	10 to 14 mm
Hardware cavity	21^{+1} mm
Groove axis	10 mm

*Insert strikers E (**21**) in the hardware receiver groove before pressing the frame profiles together. Observe installation markings.*

1) *b1 ≥ b2*
2) *b1 < b2*
3) *1-sash*
4) *2-sash*
5) *Frame drilled holes Ø 4.2 provided for countersunk screws M5 x 19 (20)*

Design	X	Y	Z
A0004	18	14	3
A0006	14.5	10	3.5
A0022	15	12	3

Nederlandse vertaling

Siegenia - Nederlandse vertaling

Bron: Siegenia ALU-planningshandboek LM 5200 / LM 4200 / axxent (Engels), Duits, blz. 277, 279, 280, 255. Vertaling Kozijn Parts.

Dit artikel: MSBR0050-100010 (in de bladen hiervoor geel gemarkeerd)

Siegenia handboek blz. 277 - ALU accessories: limiter with cushioning size 1 / size 2 (H48.ZUBHLS015en blz. 1)

Size 1 limiter with cushioning A0006: MSBR0050-100010 (1) / MSBR0050-100020 (10)	draaibegrenzer met demping maat 1, kozijngroef A0006: MSBR0050-100010 (per stuk) / -100020 (per 10)
Size 1 limiter with cushioning A0004/A0022: MSBR0060; size 2 A0006: MSBR0070; size 2 A0004/A0022: MSBR0080	maat 1 groef A0004/A0022: MSBR0060; maat 2 groef A0006: MSBR0070; maat 2 groef A0004/A0022: MSBR0080
Contents: cushioning, locking screw M4, top hinge block	inhoud: arm met demper, borgschroef M4, lagerblok voor het kozijn
Scope of application (only use limiter with cushioning in connection with a surface-mounted hinge side): size 1 sash width 470 to 1000 mm, max. 100 kg; size 2 1001 to 1600 mm, max. 150 kg	toepassing (alleen bij opliggende scharnieren): maat 1 vleugelbreedte 470-1000 mm, max. 100 kg; maat 2 1001-1600 mm, max. 150 kg
Groove drawings A0006 / A0004 / A0022	tekeningen kozijngroeven; let op: volgens de tabel op blz. 255 is A0006 de groef 10/14,5 en A0004 de groef 14/18

Siegenia handboek blz. 279 - limiter with cushioning, assembly instructions

Sash: insert cushioning below into the sash groove horizontally and position according to measurements; secure grub screws (3 Nm)	vleugel: demper onderaan liggend in de vleugelgroef schuiven, op maat zetten en stelschroeven vastdraaien (3 Nm)
Frame: insert top hinge block into the frame groove, clamp using grub screws without any ends protruding (1.5 Nm)	kozijn: lagerblok in de kozijngroef klemmen; stelschroeven zo ver indraaien dat niets uitsteekt (1,5 Nm)
Final assembly: secure connecting rod on cushioning to top hinge block using locking screw M4 (2.5 Nm)	afmonteren: stang van de demper met borgschroef M4 aan het lagerblok vastzetten (2,5 Nm)
WARNING: lubricating or oiling the guide rod causes the cushioning to fail and can cause the bottom hinge to break	WAARSCHUWING: de geleidestang niet invetten of oliën; dan werkt de demping niet en kan het onderscharnier breken
Gr. 1 = 69, Gr. 2 = 120; size 1 = 405, size 2 = 542; 90°	maat 1 = 69 / 405 mm, maat 2 = 120 / 542 mm; openingshoek 90°

Siegenia handboek blz. 280 - limiter with cushioning, warnings

Screw grub screws into the top hinge block without any ends protruding	stelschroeven in het lagerblok zo ver indraaien dat niets uitsteekt
Installation at the top of the hinge side will cause the hinge side to break. Only install at the bottom of the hinge side (BSU)	niet bovenaan monteren: dan breekt de scharnierkant. Alleen onderaan de scharnierkant monteren
Slowly move the sash into its end position by hand. Never let sashes swing open uncontrollably	vleugel met de hand rustig in de eindstand brengen; nooit ongecontroleerd laten openzwaaien

Siegenia handboek blz. 255 - kozijngroefuitvoeringen

Design X Y Z: A0004 18 14 3 / A0006 14.5 10 3.5 / A0022 15 12 3	uitvoering kozijngroef (breedte X / opening Y / Z): A0004 = 18 / 14 / 3 - A0006 = 14,5 / 10 / 3,5 - A0022 = 15 / 12 / 3