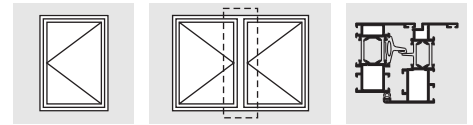


ALU-D

Drehflügelband mit Verschlussseiten für Aluminiumfenster /
Turn sash hinge with locking sides for aluminium windows

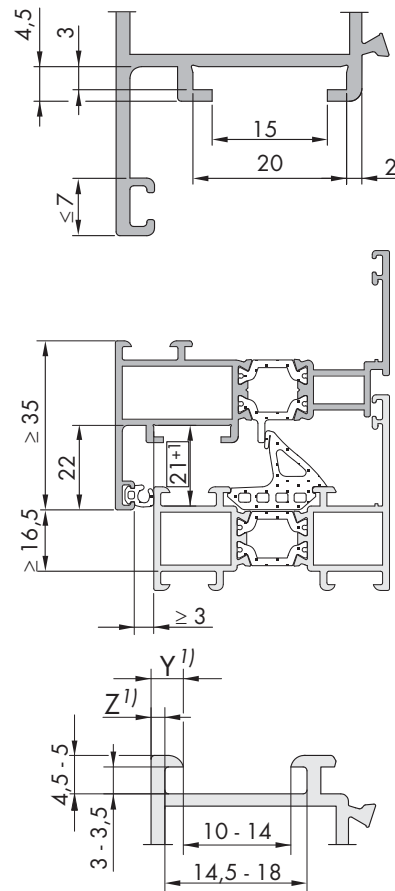


Weitere Angaben und Vorgaben/Hinweise zum Produkt und Haftung (Richtlinien: VHBH, TBDK und VHBE) sind **unbedingt** dem Planungs-Handbuch Aluminium (H4006.3042DE) zu entnehmen.

Die angegebenen Maße sind Fertigmaße nach der Oberflächenbehandlung der Profile z. B. Lackierung, Pulverbeschichtung etc.!

Further details and specifications/information regarding the product and liability (guidelines: VHBH, TBDK and VHBE) can be found in the aluminium planning manual (H4006.3042EN) and **must** be observed.

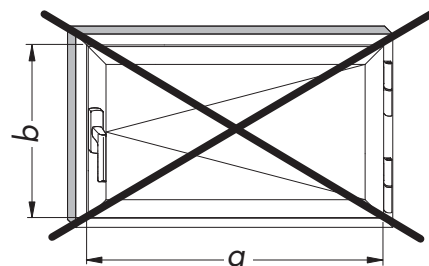
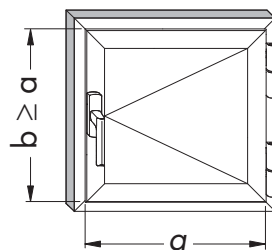
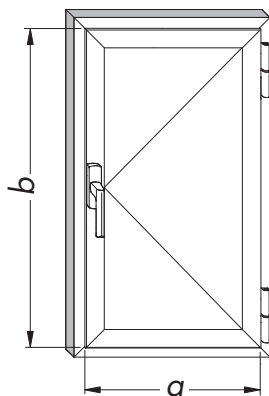
All dimensions given are final dimensions after the surface of the sections has been treated (painted, power coated etc.).



1) siehe Tabelle Ausführung Drehflügelband, auf Seite 4 „Flügel- und Rahmenmaße“ / see Turn Sash Design table on Sash and Frame Dimensions sheet 4

Alle Maße in mm / All dimensions in mm

Flügelbreite/sash width	(a)	min. 300 - max. 1000
Flügelhöhe/sash height	(b)	min. 400 - max. 2000
Flügelgewicht/sash weight	(📦)	max. 80 kg

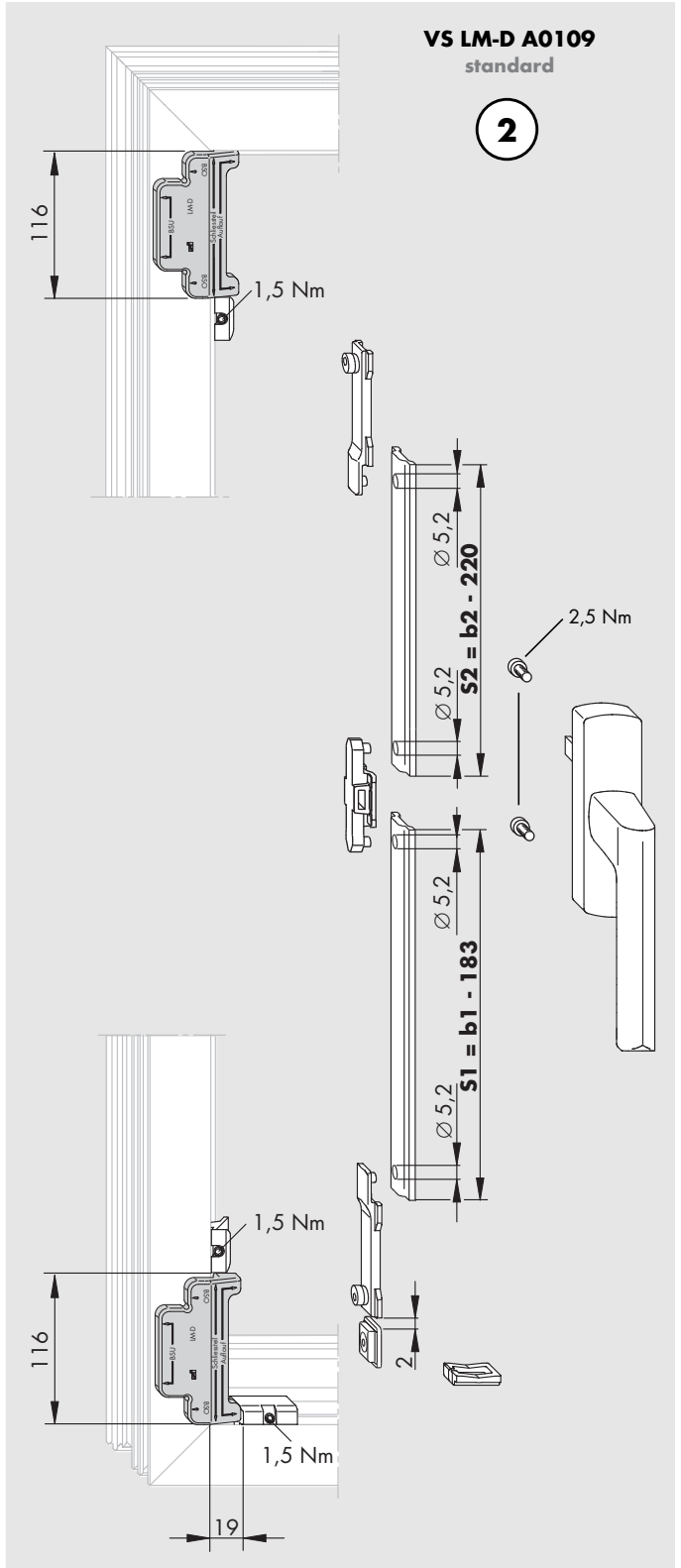
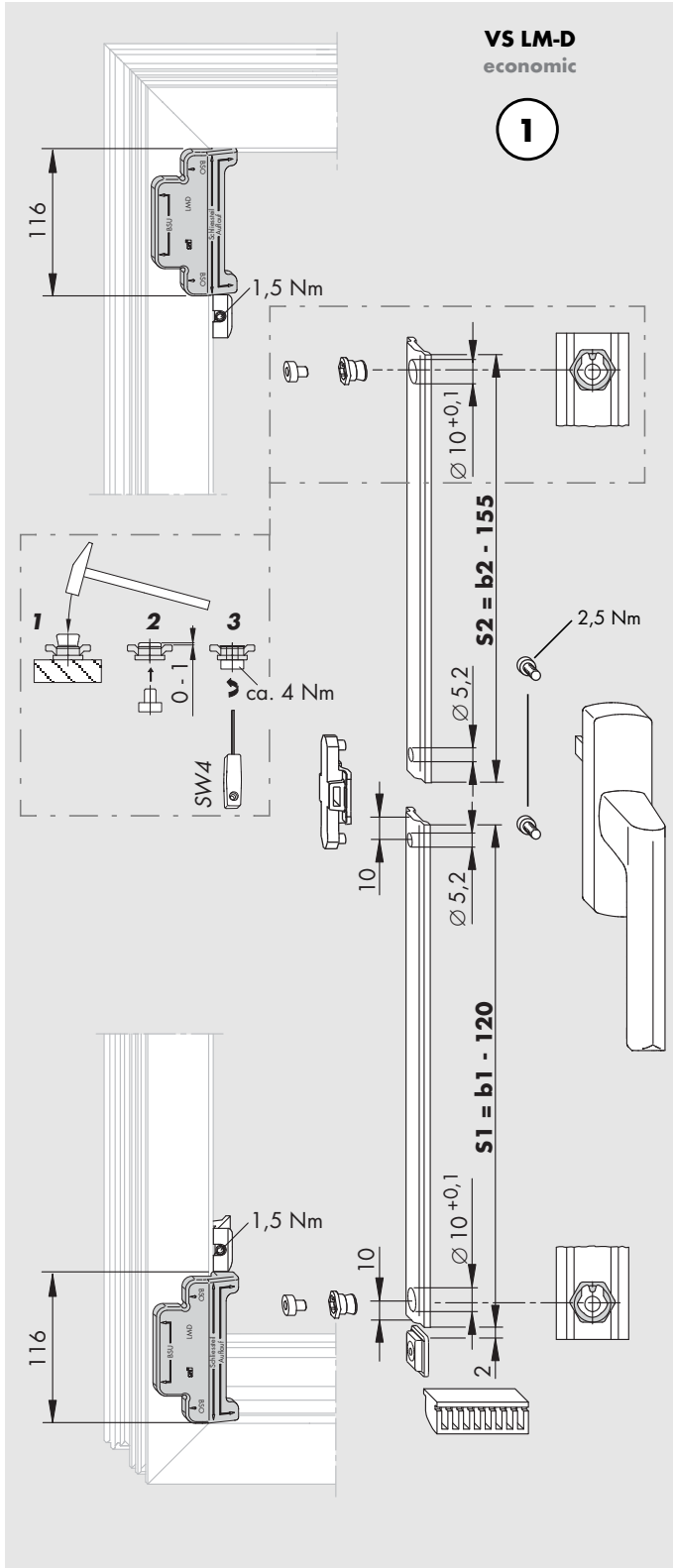


Anschlaganleitung/Installation Instructions
H48.2200LS002de

Technische und farbliche Änderungen vorbehalten

H48.2200LS002de/1

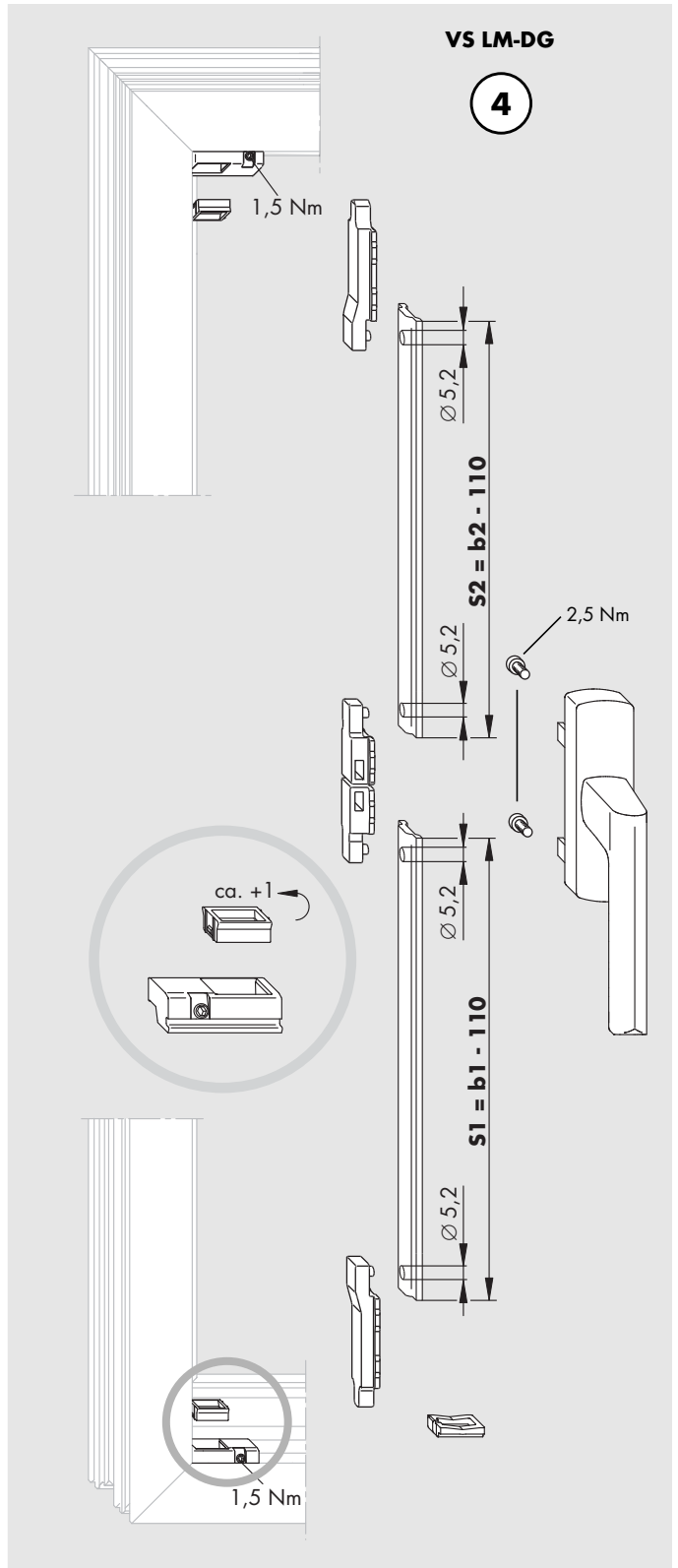
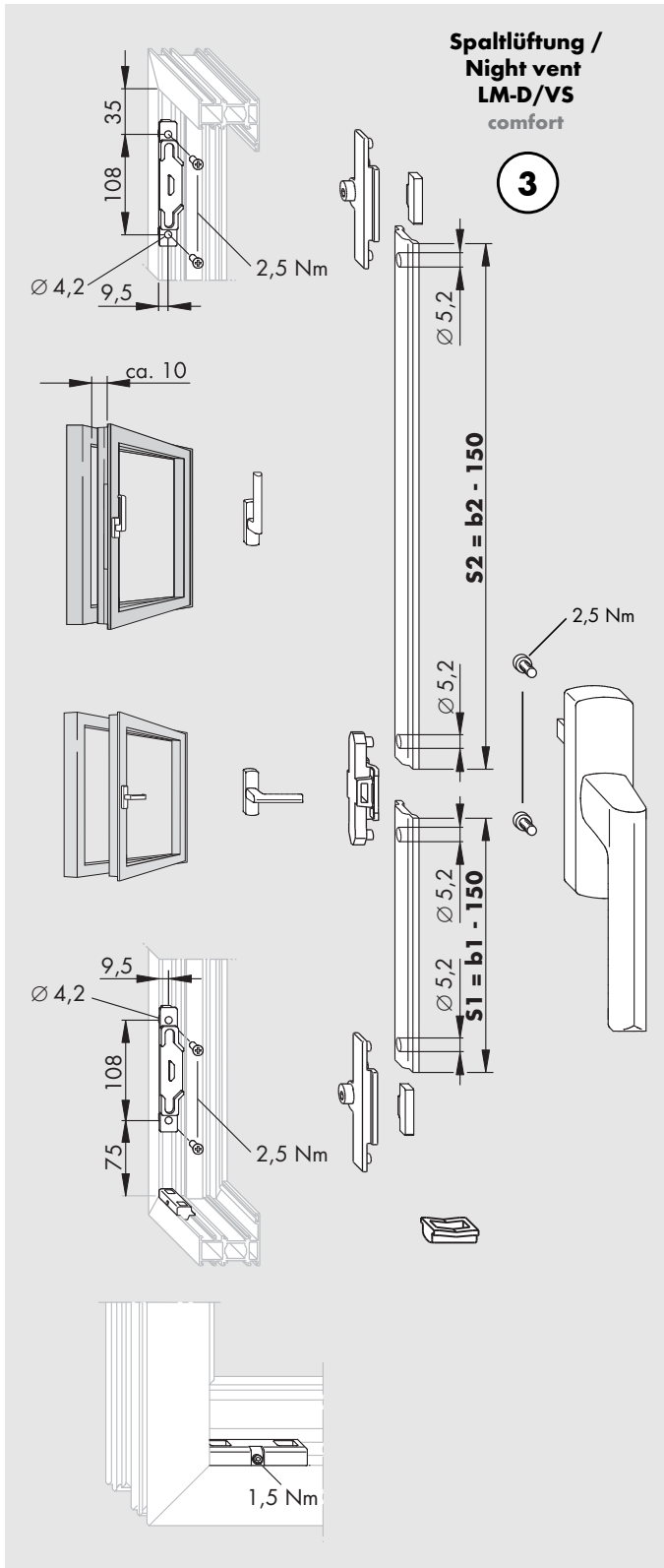
Drehflügel ALU / Turn sash ALU Beschlagübersicht / Fittings Layout I



VKE	Materialkurztext/Description	Material-Nr.				
		silber/silver lack./painted	braun/brown elox./anodised	weiß/white RAL9010	schwarz/black RAL9005	roh/mill RAL9016

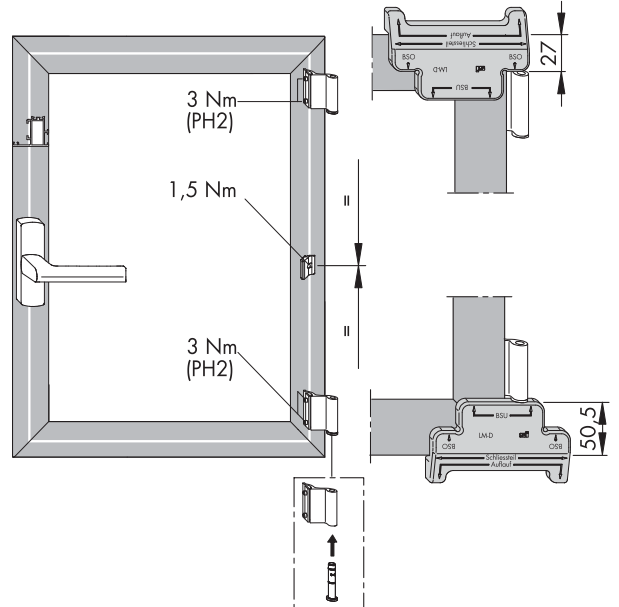
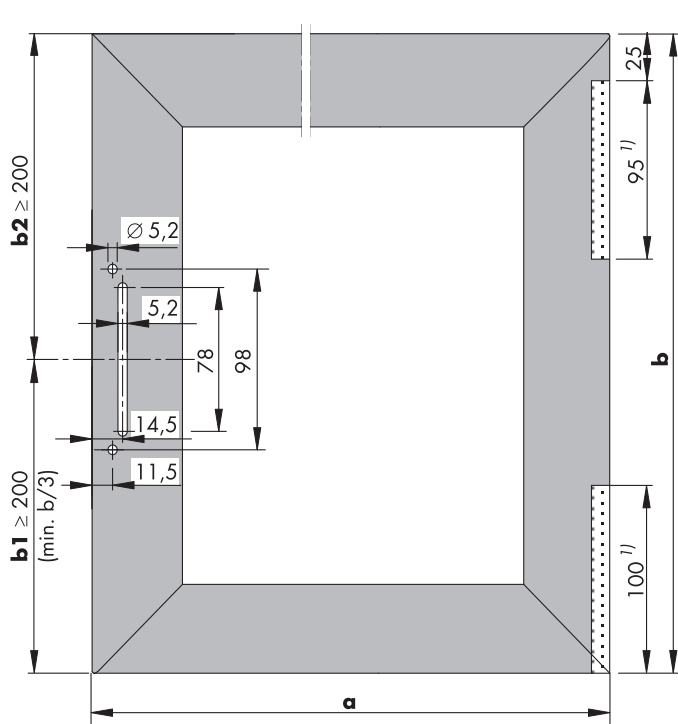
	10	Hebel/Handle Si-line LM ① ② ③	253120	253137	253113	253144	253090	253106	253083
①	50	VS LM-D economic				314968			
②	20	VS LM-D A0109 standard				261026			
	10	Anschlag/Stop				222805			
	1	Lehre/Jig LM-D				155035			

Drehflügel ALU / Turn sash ALU Beschlagübersicht / Fittings Layout II

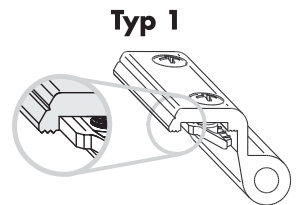
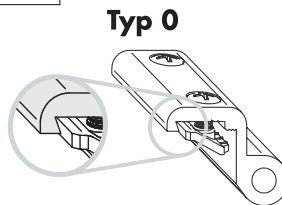
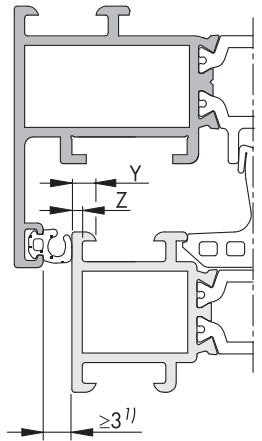
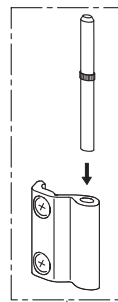
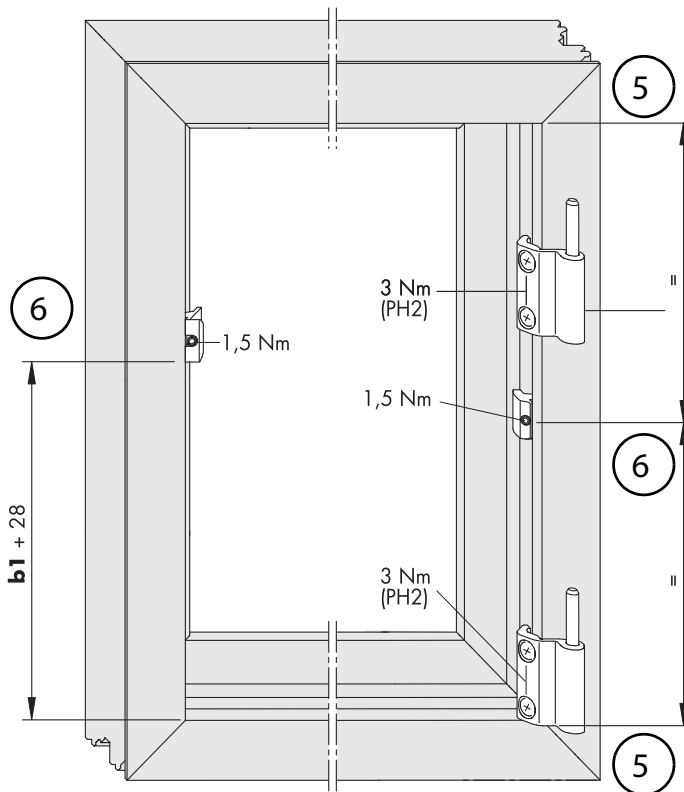


	VKE	Materialkurztext/Description	Material-Nr.						
			silber/silver lack/painted	elox./anodised	braun/brown	weiß/white RAL9010	RAL9016	schwarz/black RAL9005	roh/mill
	10	Hebel/Handle Si-line LM DG 4	257296	-	257333	257319	257302	257326	257289
3	20	Spaltlüftung / Night vent LM-D/VS comfort	231746						
4	20	VS LM-DG	219706						

Drehflügel ALU / Turn sash ALU Flügel- und Rahmenmaße/Sash- and Frame preparation



1) Dichtung entfernen bzw. Flügelprofile nacharbeiten.
Minstdurchgang 3 mm. /
Remove weatherseal and/or rework profile. Minimum 3 mm diameter



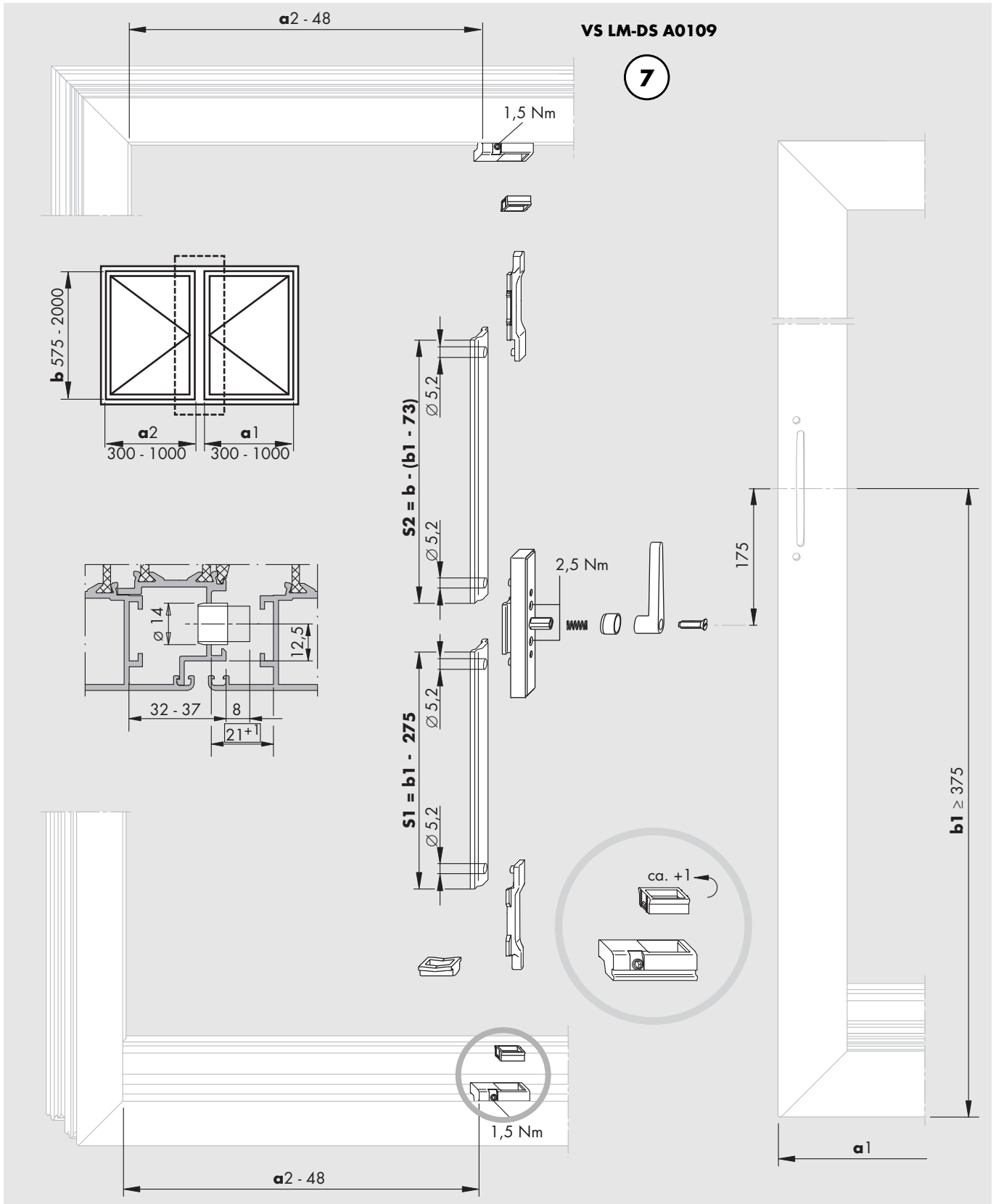
Ausführung Drehflügelband /
Execution Turn sash hinge side

Z	Y 3 - 3,5	Y 3,6 - 4,3
1,5 - 1,7	Typ 1	Typ 0
1,8 - 2	Typ 0	Typ 0

VKE	Materialkurztext/Description	Material-Nr.				
		silber/silver elox/anodised	braun/brown RAL8019	weiß/white RAL9010	RAL9016	schwarz/black RAL9005

5	50	Drehflügelband / Turn sash hinge LM-D	Typ 0	313725	313756	313749	313732	313763	313770
		Drehflügelband / Turn sash hinge LM-D	Typ 1	313787	313817	313800	313794	313824	313831
6	20	MV LM-D VS/BS	≥ b 1200	246986					
	1	Lehre/Jig LM-D		155035					

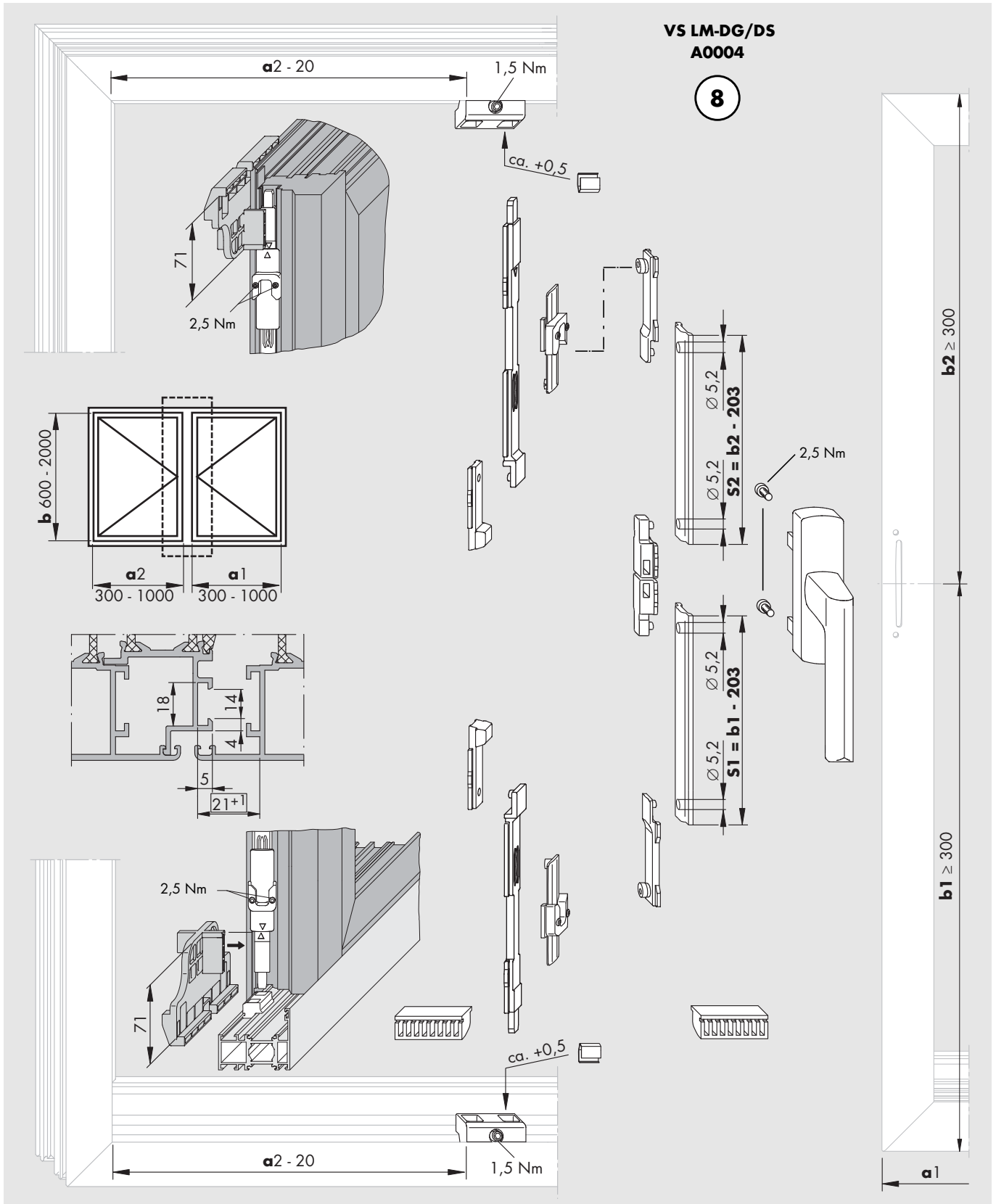
Drehflügel ALU / Turn sash ALU Beschlagübersicht / Fittings Layout III





VKE	Materialkurztext/Description	Material-Nr.
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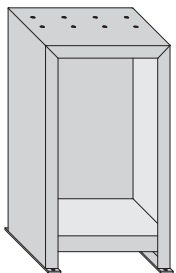
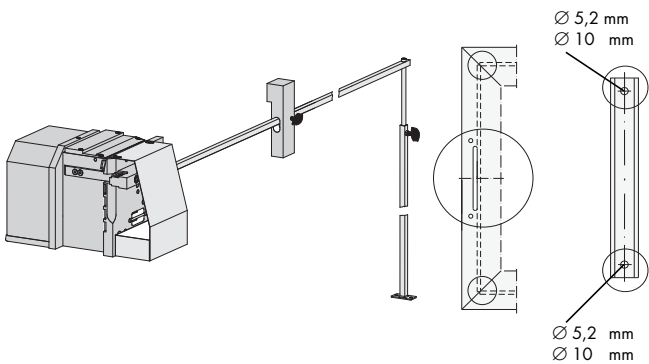
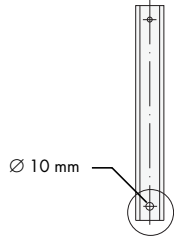
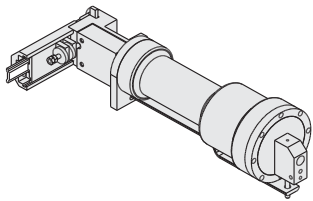
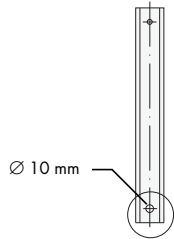
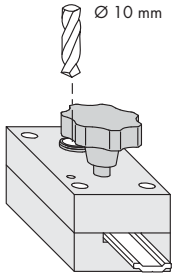
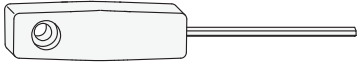
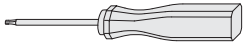
7	20 VS LM-DS A0109	266885
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Drehflügel ALU / Turn sash ALU Beschlagübersicht / Fittings Layout IV



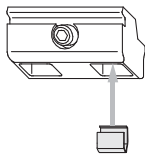
VKE	Materialkurztext/Description	Material-Nr.							
		silber/silver lack./painted	silber/silver elox./anodised	braun/brown	weiß/white RAL9010	weiß/white RAL9016	schwarz/black RAL9005	roh/mill	
	10 Hebel/Handle Si-line LM DG 8	257296	-	257333	257319	257302	257326	257289	
8	25 VS LM-DG/DS A0004	314975							
	1 Einlegelehre / Striker jpg LM A0004	879504							

Drehflügel ALU / Turn sash ALU Lehren und Werkzeuge LM / Jigs and Tools LM



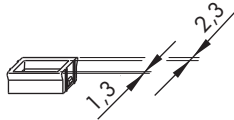
Materialkurztext/Description	Material-Nr.
Sechskantschraubendreher Profi / Professional hex. screwdriver Sechskant 2,5 mm gehärtet 2.5 mm hexagon, hardened	157947
Sechskantschraubendreher / Hex. screwdriver Sechskant 4 mm 4 mm hexagon	139394
Multitool	127629
Lehre LM / Jig LM Ø 10 mm	130001
Handstanze LM / Hand punch LM Ø 10 mm 6 - 7 bar	130018
Kombistanze LM / Combination tool Ø 5,2 mm Ø 10 mm 6 - 7 bar	157398
Stanztisch für Kombistanze LM / Punching table for combination tool	157404

Drehflügel ALU *Regulierungsmöglichkeiten / Adjustment options*



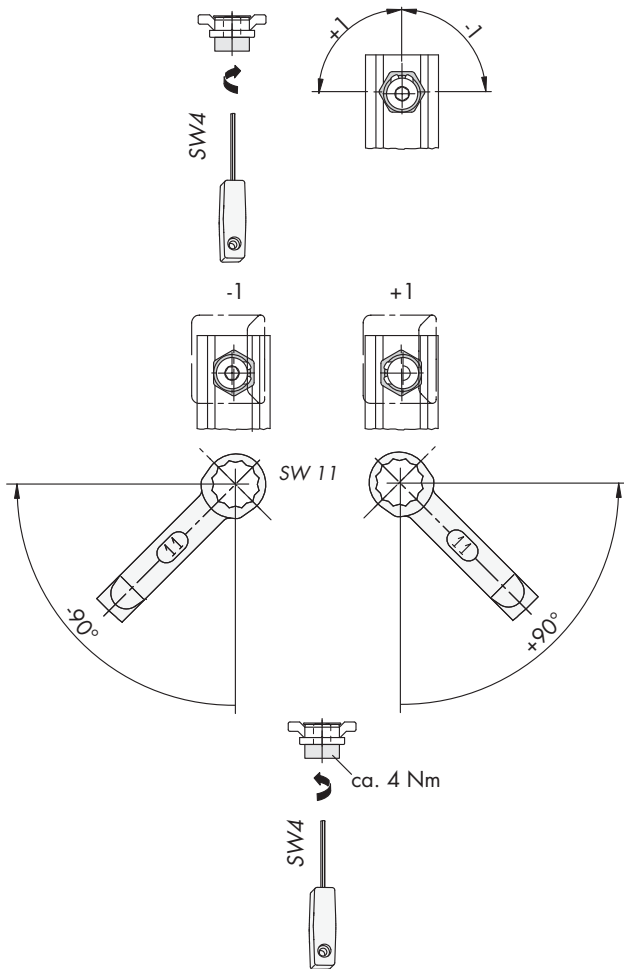
**Andruckeinstellung mittels Rastfeder ca. +0,5 /
Contact pressure setting using stop spring,
approx. +0.5**

8



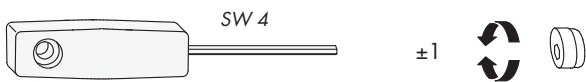
**Andruckeinstellung mittels Druckstück ca. +1 /
Contact pressure setting using pressure piece,
approx +1**

4 7



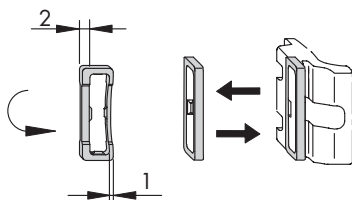
**Andruckeinstellung ca. ±1 /
Contact pressure setting approx. ± 1**

1



**Andruckeinstellung ca. ±1
über Exzenterschließzapfen /
Contact pressure setting approx. ± 1
using eccentric locking cam**

2 3 8



**Andruckeinstellung ca. +1
über Stellstück im Schließer /
Contact pressure setting approx. + 1
using striker adjustment piece**

6