

BALEXCO LUXURY SYSTEM



ب ل ك س ك
BALEXCO

*Aluminium systems
for your lifetime*

Technical
Information ▶▶▶▶



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BALEXCO Aluminium systems for your lifetime

Bahrain Aluminium Extrusion Company, Balexco, continues to remain as an outstanding company in the manufacturing of Aluminium extrusions since the year 1977 when they came into commercial production. Currently the production has crossed a record 24,000 MT annually.

It's a matter of pride for Balexco that the clients of the company are aware that, Balexco as in the past is committed to manufacture high quality products, which are a result of its investment in modern technologies and the constant up-grading of its Human resources in their competence and expertise in administration and technical skills.

Herewith, Balexco presents to you a new system which has been one of the most successful Window & Door systems in the Gulf, viz., "**Balexco Luxury System**" which gives you a range of profiles to meet the complex requirement of different building.

The "**Balexco Luxury system**" is a combination of new hardware and new concept. "**Balexco Luxury System**" is dedicated to convert limitations of existing sliding systems to provide high performance solutions. "**Balexco Luxury System**" is designed to be safe with excellent noise & heat insulation, wind and rain resistance like casement as well as inherit obvious advantages of sliding system like space saving, large-size glass for sunlight, etc.

This system is wholly owned by Balexco and is registered as an intellectual industrial right for the company, besides Balexco 45, Balexco 100 & Balexco 60.

It is with great honor that I present this "**Balexco Luxury System**" to all clients with assurance of its high capability and availability of its accessories. Balexco shall be pleased to extend all the technical support and I assure all customers that Balexco will make extra effort to ensure the best of our services are rendered along with the intense support so that every single customer is satisfied with Balexco & its products.



نظام ألومنيوم لمدى الحياة

إستمرت شركة البحرين لسحب الألومنيوم (بلكسكو) منذ تدشينها لعملياتها في عام ١٩٧٧ وحتى الآن شركة متميزة في مجال صناعة الألومنيوم المسحوب. وهي تنتج الآن أكثر من ٢٤٠٠٠ طن سنوياً.

وإنه لمن دواعي الفخر لبلكسكو بأن المتعاملين مع الشركة يدركون بأن بلكسكو كانت ولا زالت شديدة الإلتزام بتصنيع منتجات عالية الجودة. وذلك نتيجة استثمارها في أحدث التقنيات، بالإضافة إلى إهتمامها بتطوير الموارد البشرية المدربة ذات الكفاءات الفنية والإدارية العالية.

ويسر بلكسكو أن تقدم لكم واحداً من أحدث وأنجح إبتكاراتها وتصميماتها في مجال أنظمة النوافذ والأبواب بمنطقة الخليج، وهو "**نظام بلكسكو الفاخر**" بمختلف أشكال المقاطع لتلبية كافة المتطلبات المعقدة للمباني المختلفة.

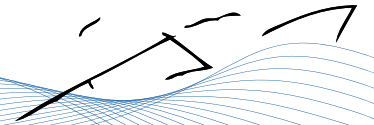
إن "**نظام بلكسكو الفاخر**" هو تجسيد لخبرة بلكسكو في الإبتكار والتصميم، وهو مثال لمزيج من المفاهيم والتقنيات للتغلب على محدودية النظام السحاب الحالي وإيجاد حلول لتحسين أداء ذلك النظام وإيجاد حلول ناجحة لتطويره. وقد صمم "**نظام بلكسكو الفاخر**" بتقنية جديدة تأخذ في الحسبان عناصر السلامة وعزل الضوضاء والحرارة ومقاومة الرياح والأمطار بحيث يجمع مزايا النظام المفصلي والنظام السحاب في آن واحد مما يوفر في المساحة ويضاعف حجم الزجاج للحصول على مزيد من الإضاءة... إلخ

وهذا النظام خاص بالشركة ومسجل باسمها في سجل الحماية الفكرية الصناعية، بالإضافة إلى أنظمة بلكسكو الأخرى مثل بلكسكو ٤٥، وبلكسكو ١٠٠، وبلكسكو ٦٠.

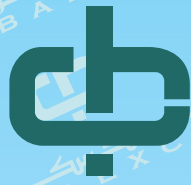
إننا نعتز كثيراً بتقديم هذا النظام لجميع أسواقنا ولكل من يحتاجه من زبائننا، ونحن نؤكد بأن هذا النظام يتمتع بكفاءة عالية، وإكسسواراته متوفرة. كما إن بلكسكو من خلال فريق خدماتها للدعم الفني على استعداد تام لتقديم أي مساعدة أو مشورة للجميع، مما سيحظى بالرضى من قبل كل زبون حيال بلكسكو ومنتجاتها.



Jassim Mohamed Seyadi
Chief Executive Officer



جاسم محمد سيادي
المدير العام



BALEXCO

BAHRAIN ALUMINIUM EXTRUSION COMPANY

STATEMENT OF POLICY

The continued success and profitability of Bahrain Aluminium Extrusion Company (Balexco) totally depends upon our ability to attract and satisfy customers.

BALEXCO is committed to strive continuously for customer satisfaction and continuous improvement in the implementation of a Quality Management System, to meet these commitments the company will set quality objectives at management review.

The Chief Executive Officer accepts full responsibility for the implementation of the Quality Management System and its continuity and is committed to allocate appropriate resources.

JASSIM MOHAMED SEYADI
CEO

Date: 17-05-2010



FM 33839



Licence N° 2700



Licence N° 2200

ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

1) Dimensions and Shapes

Dimension tolerances are divided into two categories as mentioned below :

a) Category I:

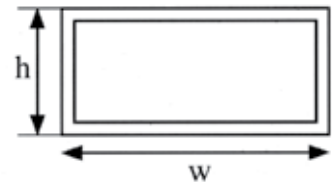
Standard Dimensional Tolerances

(DIN 1748, Part 4, Standard)

Dimensions

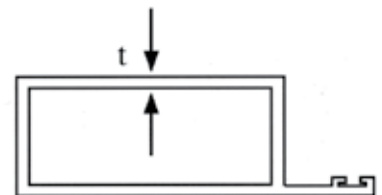
(Width (W) and Height (h)) - mm

Over	To	Tolerance
		$\pm$
-	10	0.3
10	15	0.4
15	30	0.5
30	50	0.6
50	80	0.7
80	100	0.8
100	120	1.0
120	150	1.2
150	180	1.5
180	240	1.9



Wall Thickness (t) mm

Over	To	Tolerance
		$\pm$
-	1.5	0.20
1.5	3	0.25
3	6	0.30
6	10	0.35
10	15	0.40
15	20	0.50
20	30	0.60



ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

Concavity/Convexity (E) mm

Solid Sections

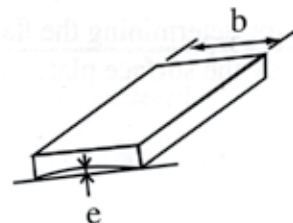
$$: e = 0.005 \times b$$

(minimum 0.20 mm)

Hollow Sections

$$: e = 0.01 \times b$$

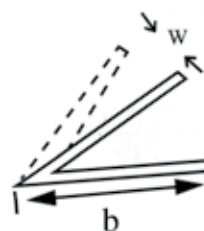
(minimum 0.30 mm)



Angularity (W)

- Being the deviation from the given angle.

Angular tolerances for extruded regular sections.		
Nominal Thickness of thinnest leg.		Allowable deviation from angle specified (measured at the extremities of the section)
Over	Upto and including	
mm	mm	±
-	1.6	1½°
1.6	5.0	1½°
5.0	-	1°



ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

Flatness Tolerance (Torsion/Twist - mm)

The basis for determining the flatness tolerance b according to table 8 is width b of the profile supported by the surface plate, see figure A.

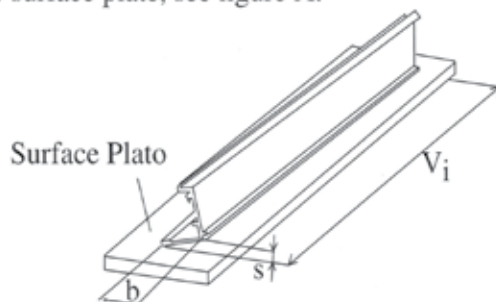
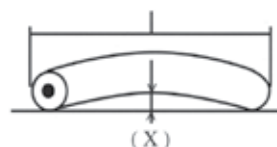


Figure A.

Table 8. Flatness tolerance

Width b		Normal-straightened (N) Total Profile Length V_i		
Over	Up to	per 1000	upto max. 6000	over 6000
-	30	1.2	2.5	3.0
30	50	1.5	3.0	4.0
50	100	2.0	3.5	5.0
100	200	2.5	5.0	7.0
200	300	2.5	6.0	8.0
300	450	3.0	8.0	$1.5 \times l$
450	600	3.5	9.0	$(l \text{ in m})$

Bow - mm



No single deviation per 300 mm shall exceed 0.3mm

Length of section in M	Up to 1	Over 1 Up to 2	Over 2 Up to 3	Over 3 Up to 4	Over 4 Up to 5	Over 5 Up to 6	Over 6 Up to 7	Over 7
Tolerance in mm "X"	1	4	6	7	8	9	12	Subject to agreement

ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

Fixed Length (sawn length/mm)

The tolerance also includes the angle in case the saw blade is out of the 90° angle.
Permissible dimensional deviations for fixed lengths.

Diameter of circumscribing circle d_u		Permissible dimensional deviations for fixed lengths				
Over	Up to	Up to 1000	Over 1000 Up to 2000	Over 2000 Up to 5000	Over 5000 Up to 8000	Over 8000
-	25	+2 0	+3 0	+5 0	+7 0	+10 0
25	50	+3 0	+4 0	+6 0	+7 0	+12 0
50	100	+4 0	+5 0	+7 0	+8 0	+14 0
100	250	+5 0	+6 0	+8 0	+10 0	+16 0
250	600	+8 0	+8 0	+10 0	+12 0	+20 0

b) Category II:

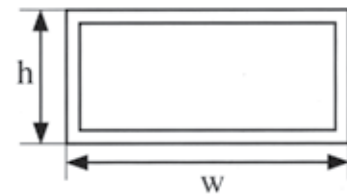
Special Dimensional Tolerances

DIN 17615, Part 3 Standard

Dimensions

(Width (W) and Height (h)) - mm

Over	To	Tolerance
		$\pm$
-	10	0.15
10	15	0.20
15	30	0.25
30	45	0.30
45	60	0.40
60	90	0.45
90	120	0.60
120	150	0.80
150	180	1.00
180	240	1.20



ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

Wall Thickness (t) mm

Over	To	Tolerance
		±
-	1.5	0.15
1.5	3	0.20
3	6	0.25
6	10	0.30
10	15	0.40
15	20	0.50
20	30	0.60
30	40	0.70

Concavity/Convexity (e) mm

Width, b		Concavity/ Convexity
Over	Up to	
		±
-	40	0.20
40	60	0.30
60	90	0.40
90	120	0.45
120	150	0.55
150	180	0.65
180	210	0.70
210	240	0.75

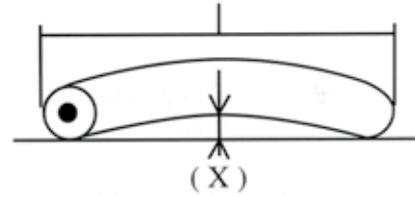
Angularity (W) The values of angularity tolerance

Angular tolerances for extruded regular sections.		
Nominal Thickness of thinnest leg.		Allowable deviation from angle specified (measured at the extremities of the section)
Over	Upto and including	
mm	mm	±
-	1.6	1°
1.6	5.0	1½°
5.0	-	1°

ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

Bow - mm

No single deviation per 300 mm shall exceed 0.3mm



Length of section in M	Up to 1	Up to 2	Up to 3	Up to 4	Up to 5	Up to 6	Over 6
Tolerance in mm "X"	0.7	1.3	1.8	2.2	2.6	3.0	3.5

Tolerance on twist

Width, b		Tolerance on twist for lengths $\pm V_i$						
Over	Up to	Up to 1000	Over 1000 Up to 2000	Over 2000 Up to 3000	Over 3000 Up to 4000	Over 4000 Up to 5000	Over 5000 Up to 6000	Over 6000
-	25	1.0	1.5	1.5	2.0	2.0	2.0	To be Agreed
25	50	1.0	1.2	1.5	1.8	2.0	2.0	
50	75	1.0	1.2	1.2	1.5	2.0	2.0	
75	100	1.0	1.2	1.5	2.0	2.2	2.5	
100	125	1.0	1.5	1.8	2.2	2.5	3.0	
125	150	1.2	1.5	1.8	2.2	2.5	3.0	
150	200	1.5	1.8	2.2	2.6	3.0	3.5	
200	300	1.8	2.5	3.0	3.5	4.0	4.5	

For determining the tolerance on twist, the section shall be placed on a surface plate and size v_i measured; see figure B.

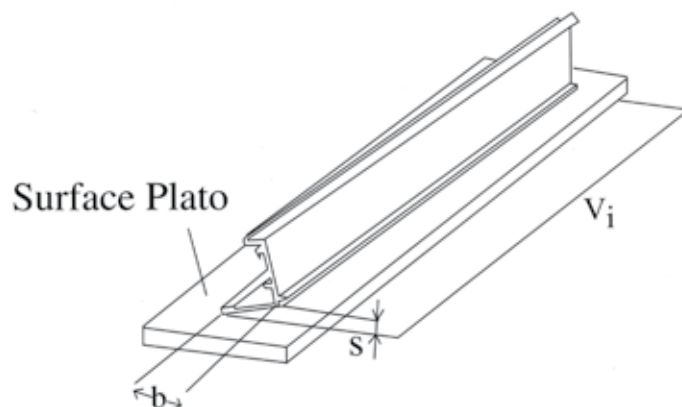


Figure B.

ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

Fixed Length (sawn length/mm)

The tolerance also includes the angle in case the saw blade is out of the 90° angle.
Permissible dimensional deviations for fixed lengths.

Diameter of smallest circumscribing circle d _n		Limit deviation for specified lengths, multiple lengths and underlengths			
Over	Up to	- Up to 1000	Over 1000 Up to 2000	Over 2000 Up to 5000	Over 5000 -
-	25	+2 0	+3 0	+5 0	+10 0
25	50	+3 0	+4 0	+6 0	+12 0
50	100	+4 0	+5 0	+7 0	+14 0
100	250	+5 0	+6 0	+8 0	+16 0
250	300	+8 0	+8 0	+10 0	+20 0

2) SCOPE : ANODISING STANDARDS

BALEXCO's Quality Specification is based on **International Standards**.

The specification in particular meets the requirement for architectural aluminium extrusions.

2. a) Surface Finish

Anodic film thickness are as follows:

CLASSIFICATION	MINIMUM THICKNESS
Class 16 / 18 Microns	16 Microns
Class 20 / 22 Microns	20 Microns
Class 23 / 25 Microns	23 Microns

2. b) Colour Variations

Colour variations for our colour anodised products are controlled within a permissible range of maximum and minimum limits of each shade.

ALUMINIUM EXTRUSION PRODUCT SPECIFICATIONS

2. c Finishes

Mill Finish.

Anodised: Gold Matt, Gold Brushed, Bronze Colinal Matt, Black Colinal Matt, Black Colinal Brushed. Gold is available in two shades No. 2 and No. 3, Bronze Colinal is available in 5 shades, Colinal No. 10 (light) and No. 17 (medium), 21 (medium), No. 30 (dark) and No. 40 (very dark).

Powder

Coated:

Wide Range of RAL painted polyester powder colours are available.

3) SCOPE : POWDER COATING STANDARDS:

The Balexco specification in particular meets the requirements for architectural aluminium extrusions. Regular quality checks are made during production to ensure high quality products as follows:

Gloss - Adhesion - Impact Resistance - Flexibility - Cupping.

Limits values for:

Gloss	Coat Thickness
65% to 84%	60 µm to 170 µm
Adhesion Cross Cut	No flaking 100% *
Impact	No crack *
Flexibility (Bend)	No crack *
Cupping	No Crack *

* When applied on test panel less than 1 mm thick, provided coat thickness is between 40 to 80 µm.

- When exceeding the maximum range, consideration must be given to the question of fit or possible problems with sliding components.

BALEXCO LUXURY SYSTEM DESCRIPTION

- Balexco Luxury System contains a package of 10 profiles, 5 gaskets, 7 thermal insulators besides the accessories as per the end requirement.
- This system has been designed to be safe with excellent heat & noise insulation, wind & rain resistance similar to the casement windows without disturbing the inherent advantages of sliding system like space saving, large size of glass for additional sunlight etc.
- This system has a high heat insulation performance through the additional thermal bars on the longitude of the frame.
- The system could be utilized as two options of both 1) sliding & 2) lift & slide, just by opting for different hardware & accessories.
- Balexco Luxury System incorporates standard EURO groove which is usually used in casement into the system for:
 - Use the standard connection rod for EURO groove;
 - Insert hardware into the groove, reduce profile machining;
 - Add as many as locking points thanks to the modularity of the system;
 - Traditional lock and cylinder for door can be used in this system, to satisfy higher security requirement.
- Because of euro groove one can use standard connection rod, insertion of hardware, reduction of profile machining etc & are added advantages causing less fabrication.
- The profile sections are suitable to incorporate fly screen either inside or outside.

- Can be compatible for multiple locking point & anti lift options with the hardware from Giesse.
- Options of pulleys are provided depending on the high load bearing capability of the individual sash. Single pulley can withstand 80kg and the double pulley can withstand 200kg.
- Has been tested for resistance to wind load, air permeability & water tightness as per the European standards under EN14351-1 standards for doors & windows.
- The resistance to wind load has been classified as Class B3, air permeability at a test pressure of 600 Pa & the water tightness at a pressure of 1050 Pa which is considered to be very good for this system and can be rated on par with the international systems.
- As a new system combining new hardware and new concept, Balexco Luxury System is dedicated to convert limitations of existing slide systems to provide high performance solutions. Balexco Luxury System is designed to be safe with excellent noise & heat insulation and wind & rain resistance like casement as well as inherit obvious advantages of sliding system like space saving, large-size glass for sunlight, etc.
- Balexco Luxury System has the best heat insulation performance through thermal break bars and others to reduce the energy transfer along longitude direction on the frame. It is the key to high requirement on heat insulation in cold winter and hot summer area.
- With different hardware, Balexco Luxury System could realize opening both ways: Lift & Slide and Slide. Lift & Slide design uses gasket and tightness accessories to enhance the performance on water tightness, air permeability and sound insulation extremely. Instead of gasket, brush can be used for slide opening with related hardware.



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

**Bahrain Aluminium Extrusion Company
(Balexco)
PO BOX 1053
Manama
Bahrain**

Holds Certificate No: **FM 33839**

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The Procurement and Processing of Aluminium, and Aluminium Alloys for Extruding, Heat Treatment, Anodising and Powder Coating to customer specifications. Re-melt casting facility for the recycling of scrap Aluminium and Aluminium Alloys.

For and on behalf of BSI:

Managing Director, BSI EMEA

Originally registered: 09/04/1996

Latest Issue: 02/06/2010

Expiry Date: 08/10/2012



Page: 1 of 1

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated [online](#). Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +44 (0)20 8996 7033.

The British Standards Institution is incorporated by Royal Charter. BSI (EMEA) Headquarters: 389 Chiswick High Road, London, W4 4AL, United Kingdom



Authorization to use the quality sign



This is to certify that

Bahrain Aluminium Extrusion Company B.S.C.C. (BALEXCO)

P.O. Box 1053
BH – Bahrain

Licence number: 2700

is authorized to use the quality sign which is shown above according to the REGULATIONS FOR THE USE OF THE QUALICOAT QUALITY SIGN FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINIUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence: 27.05.2003
Period of validity of the licence: until 31.12.2011

Zurich, 1 November 2010

QUALICOAT

Ralf Heitzelmann
President

CERTIFICATION BODY

Josef Schoppig
AC-Fiduciaire SA



Mailing address:
QUALICOAT, P.O. Box 1507, CH-8027 Zurich
Domicile:
QUALICOAT c/o AC-Fiduciaire SA, Tödistrasse 47, CH-8002 Zurich

Phone: +41 (0)43 305 09 70/79
Fax: +41 (0)43 305 09 98
E-mail: info@qualicoat.net
Internet: www.qualicoat.net

Authorization to use the quality sign



This is to certify that

Bahrain Aluminium Extrusion Co. B.S.C.C. (BALEXCO)

P.O. Box 1053
BH – Manama

Licence number: 2200

is authorized to use the quality sign which is shown above according to the REGULATIONS FOR USE OF THE QUALANOD QUALITY LABEL FOR SULPHURIC ACID-BASED ANODIZING OF ALUMINIUM.

Date of issue of the licence: 08.09.2009
Period of validity of the licence: until 31.12.2011

Zurich, 25 October 2010

QUALANOD

CERTIFICATION BODY

José Fernando Bettencourt
President

Josef Schoppig
AC-Fiduciaire SA



Mailing address:
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Phone: +41 (0)43 305 09 70
Fax: +41 (0)43 305 09 98
E-mail: info@qualanod.net
Internet: www.qualanod.net



TEST REPORT

Nr.714C8321210 -December 30, 2010

ECO CERTIFICAZIONI S.P.A. NOTIFIED BODY

Nr. 0714 FOR DIRECTIVE 89/106/EEC

UNI EN 14351-1 WINDOWS AND DOORS

Manufacturer: Bahrain Aluminium Extrusion Company BSc. (BALEXCO)
P O Box No 1053, Manama
Kingdom of Bahrain
Tel: +973 1773 0073 / +973 1773 4459
Fax: +973 1773 6928 / +973 1773 6517
Email: bxsales@balexco.com.bh
Web: www.balexco.com.bh

Test Sample: BALEXCO LUXURY SYSTEM

Testing date: 13/10/2010

Type of test

- Air Permeability in accordance with UNI EN 1026:2001 with test result expressed in accordance with UNI EN 12207:2000;
- Water tightness in accordance with UNI EN 1027:2001 with test result expressed in accordance with UNI EN 12208:2000;
- Resistance to wind load in accordance with UNI EN 12211:2001 with result expressed in accordance with UNI EN 12210:2000;

TABELLA RIASSUNTIVA DEI RISULTATI OTTENUTI	
Air Permeability:	Class 4
Water tightness:	Class E1050
Resistance to wind load:	Class B3

The results are strictly connected with the sample submitted to the tests.

Technical Inspector Eco Certificazioni S.p.A.

Gian Marco Babini

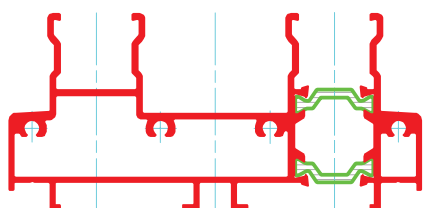
Faenza, 30/12/2010

Technical Manager Eco Certificazioni S.p.A.

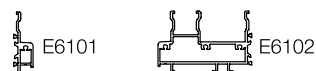
Ing. Gualtiero Fabbri

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Tel. +39 0546 824911 • Fax +39 0546 824922
E-mail: info@eco-cert.it • www.eco-cert.it

PROFILE LIST



E6201
FRAME 90° Profile



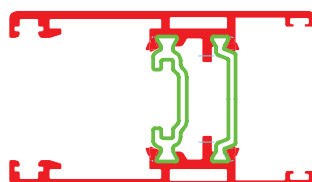
E6202
FRAME 90° Upright



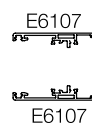
E6105
Decoration Profile



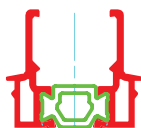
E6106
Central Labyrinth



E6203
Sash



E6108
Mosquito Track



E6204
Four Sash Connecting Profile

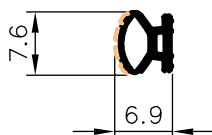


E6110
Mosquito Netting Profile

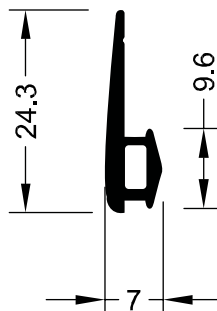
GASKET FOR LIFT & SLIDE

BRUSH GASKET

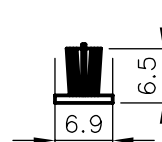
CODE: G2201



CODE: G2202

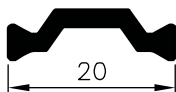


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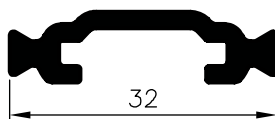


POLYAMIDE EXTRUSIONS

CODE: i2150



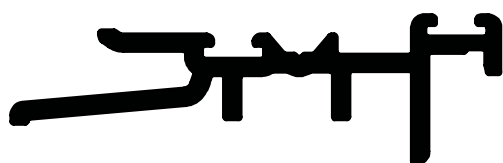
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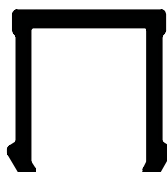
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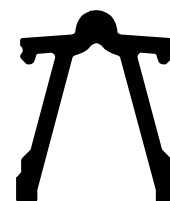
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CODE: i2154



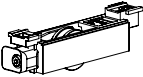
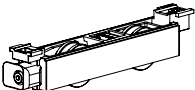
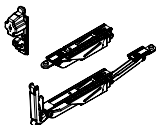
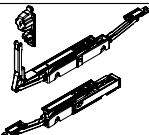
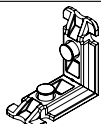
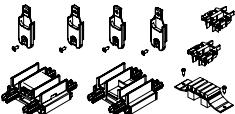
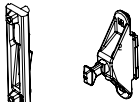
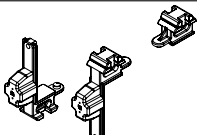
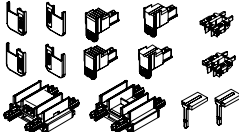
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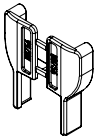
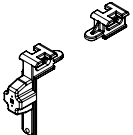
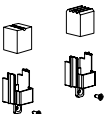
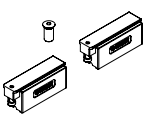
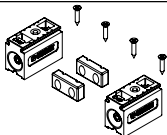
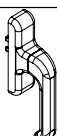
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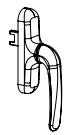
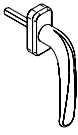
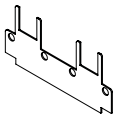
ACCESSORIES LIST

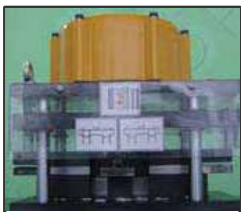
Picture	Balexco Code	Giese Code	Description	Slide	Lift & Slide
	A3211	02910	CARRERA1 SINGLE ADJUSTABLE PULLEY 80KG	•	
	A3212	02911	CARRERA2 DOUBLE ADJUSTABLE PULLEY 200KG	•	
	A3213	02916	PULLEY L&S (1 WHEEL) 90KG		•
	A3214	02913	PULLEY L&S (2 WHEELS) 200KG		•
	A3215	02921	PROFILE ALIGNMENT CORNER JOINT	•	•
	A3216	02922	CORNER JOINT FOR MOSQUITO SCREEN	•	•
	A3208	02923N	CORNER JOINT FOR SASH	•	•
	A3217	02927	KIT CENTRAL PLUGS FOR SLIDE 45mm	•	
	A3203	02929	CLOSING KIT FOR OPEN FRAME	•	•
	A3218	02933	SHOCK ABSORBER NO-LIFT CAPS (SLIDE)	•	
	A3206	02936N	KIT CENTRAL PLUGS FOR L&S 45MM		•

ACCESSORIES LIST

Picture	Balexco Code	Giesse Code	Description	Slide	Lift & Slide
	G2204	G2204	WATER TRAPING PLUG (PAIR) BALEXCO ITEM	•	•
	A3205	02939	SHOCK ABSORBER NO-LIFT CAPS (L & S)		•
	A3219	02940	ROD DRIVE FOR CREMONE	•	•
	A3220	02942	LIFT & SLIDE FLAT HANDLE	•	
	A3221	02947	PLUG FOR FOUR SASH CONNECTION		•
	A3202	02951	INTERNAL DEVICE		•
	A3222	02952	LOCK FOR DEVICE	•	•
	A3223	02954	FIXED SASH KIT - LATERAL SASH	•	•
	A3224	02903	PROFILE ALIGNMENT CORNER JOINT WITH SASH GUIDE		•
	A3225	02904	FIXED SASH KIT - CENTRAL SASH	•	•
	A3226	01057R	EURO CREMONE RAPID	•	•

ACCESSORIES LIST

Picture	Balexco Code	Giesse Code	Description	Slide	Lift & Slide
	A3227	01058R	PRIMA CRIMEAN RAPID	•	•
	A3228	02480	PRIMA WINDOW HANDLE	•	•
	A3229	02908	L&S WINDOW HANDLE WITH LONG GRIP 175MM		•
	A3230	02948	L&S WINDOW HANDLE		•
	A3231	02974	SEALING PLATE FOR 90° FRAME		•
	A3210	03524	POLYAMIDE CONNECTION ROD	•	•

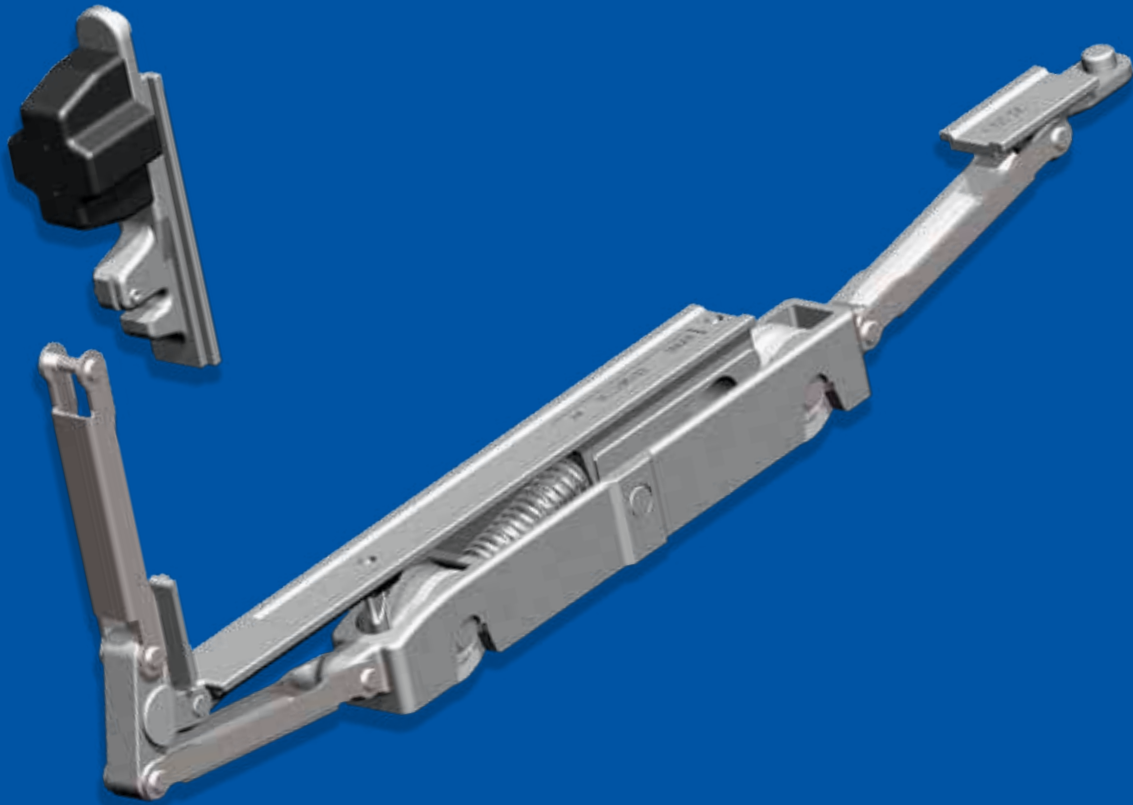
Picture	Code	Description	Function
	5810530000	GIESSE PUNCHING MACHINE	ALL PUNCHING MACHINING REQUIRED FOR FRAME
	5810540000		ALL PUNCHING MACHINING REQUIRED FOR SASH
	GS 00 8	PUNCHING UNITS WITH PNEUMATIC CONTROL AND MANUAL PROFILE INSERTION FOR CONNECTION ROD	CUTTING OF THE CONNECTION ROD ACCORDING TO THE DIMENSION OF THE SASH
	5840170000 03521000	POLYMIDE ROD BRACKET POLYMIDE ROD REEL ADAPTER	BRACKET FOR POLYMIDE ROD ADAPT POLYMIDE ROD COMBINED WITH BRACKET



HARDWARE

Features

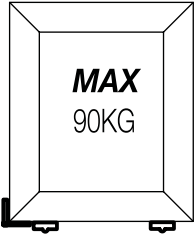
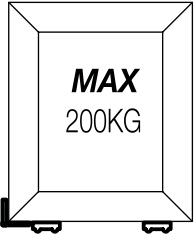
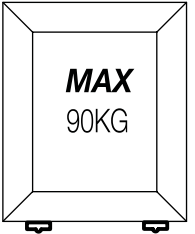
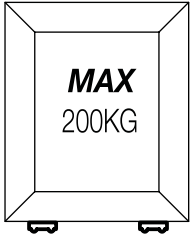
- Slide and Lift & Slide opening
- High load capability: 90 KG and 200 KG
- High quality and reliable material
- Multi-point locking and Anti-lift device with top security
- Pre-assembled and easily mountable components
- Easily operated equipments for saving cost
- Differential style and finishes for aesthetic view
- Threading plate locking kit reduces machining
- Variable configuration



LOAD CAPABILITY

Balexco Luxury System's hardware can realise Lift & Slide or Slide opening.

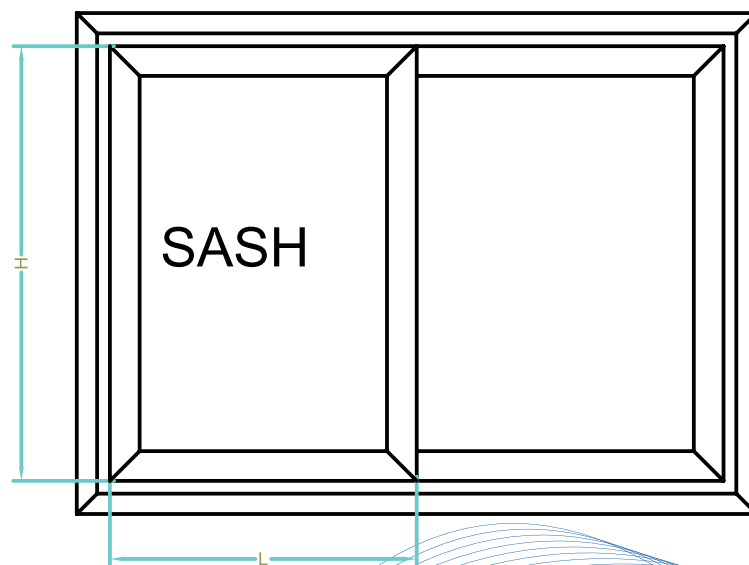
Different pulleys varies from load capability.

LIFT & SLIDE:		SLIDE:	
 MAX 90KG single wheel Minimum Dimension per sash is 690mm	 MAX 200KG double wheels Minimum Dimension per sash is 820mm	 MAX 90KG single wheel Minimum Dimension per sash is 690mm	 MAX 200KG double wheels Minimum Dimension per sash is 820mm

DIMENSION

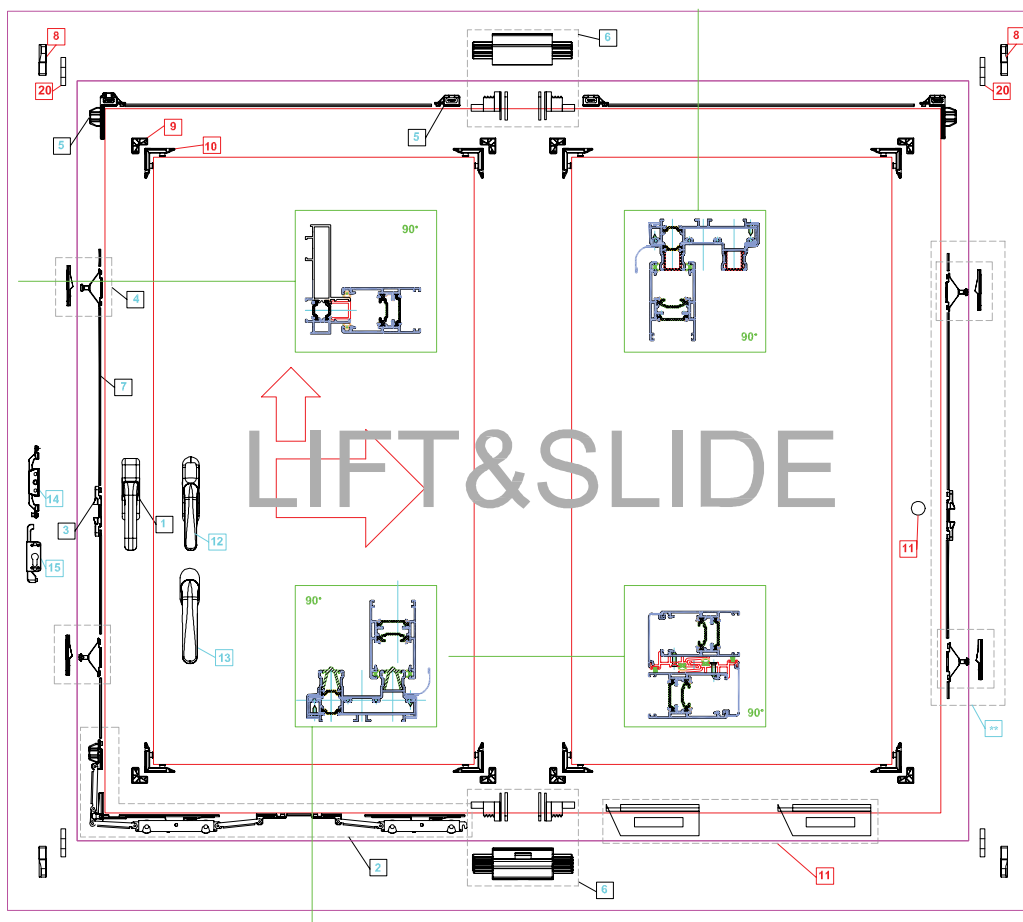
The ratio of sash height to length is no more than 2.

$$\frac{H}{L} \leq 2$$



CONFIGURATION

Single Opening Sash Lift & Slide (High Load)



HARDWARE LIST

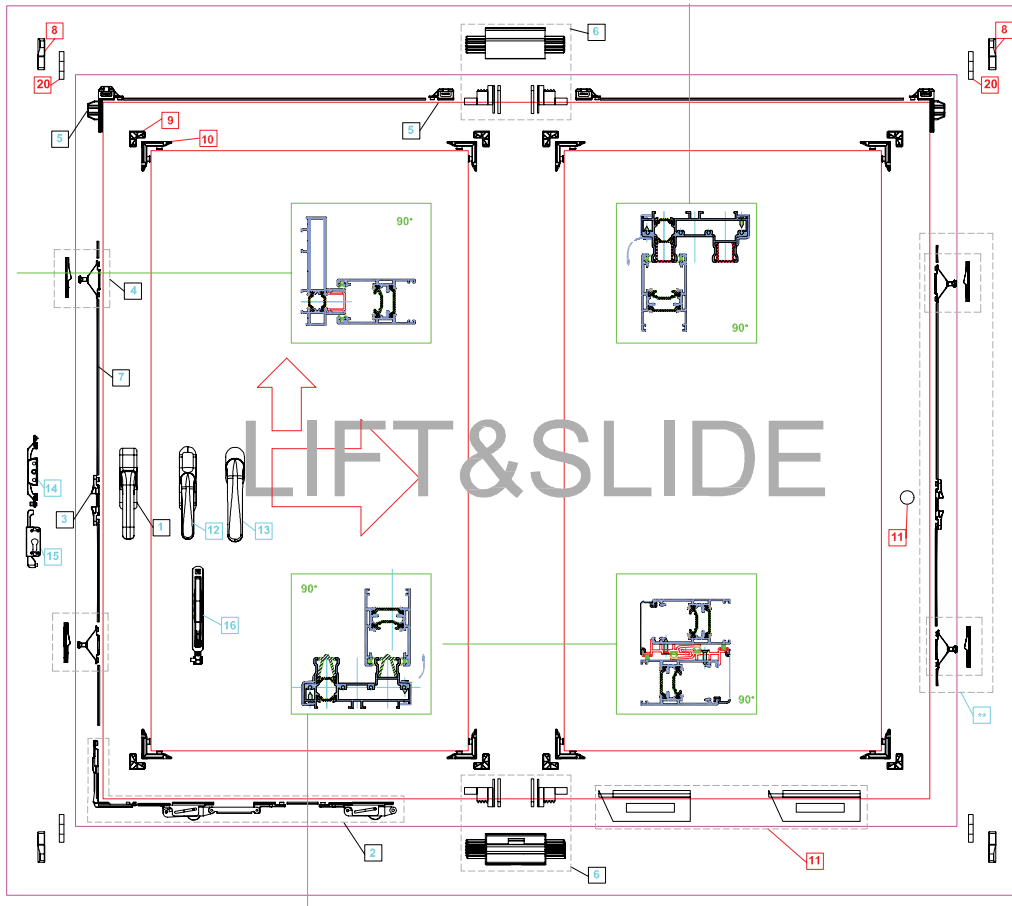
Item	Balexco Code	Giesse Code	Pc 90°	Description	
1	A3226	01057R	1	EURO CREMONE RAPID	Balexco Product
2	A3214	02913	1	PULLEY L&S (2 WHEELS) 200kg	
3	A3219	02940	1	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3205	02939	2	SHOCK ABSORBER NO-LIFT CAPS (L&S)	
6	A3206	02936N	1	KIT CENTRE PLUGS	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR) BALEXCO ITEM	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
11	A3223	02954	1	FIXED SASH KIT (SPACERS + COVER PLUGS)	Balexco Options
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
12	A3227	01058R	1	PRIMA CREMONE RAPID	
13	A3230	02948	1	WINDOW HANDLE	
14	A3202	02951	1	INTERNAL DEVICE	
15	A3222	02952	1	LOCK FOR DEVICE	
** LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)					

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H >= 2100mm, add one more Closing Kit.

CONFIGURATION

Single Opening Sash Lift & Slide



HARDWARE LIST

Item	Balexco Code	Giesse Code	Pc 90°	Description	
1	A3226	01057R	1	EURO CREMONE RAPID	Balexco Product
2	A3213	02916	1	PULLEY L&S (1 WHEELS) 90kg	
3	A3219	02940	1	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3205	02939	2	SHOCK ABSORBER NO-LIFT CAPS (L&S)	
6	A3206	02936N	1	KIT CENTRE PLUGS	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR) BALEXCO ITEM	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
11	A3223	02954	1	FIXED SASH KIT (SPACERS + COVER PLUGS)	
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
12	A3227	01058R	1	PRIMA CREMONE RAPID	Balexco Options
13	A3230	02948	1	WINDOW HANDLE	
14	A3202	02951	1	INTERNAL DEVICE	
15	A3222	02952	1	LOCK FOR DEVICE	
16	A3220	02942	1	LIFT & SLIDE FLAT HANDLE	
** LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)					

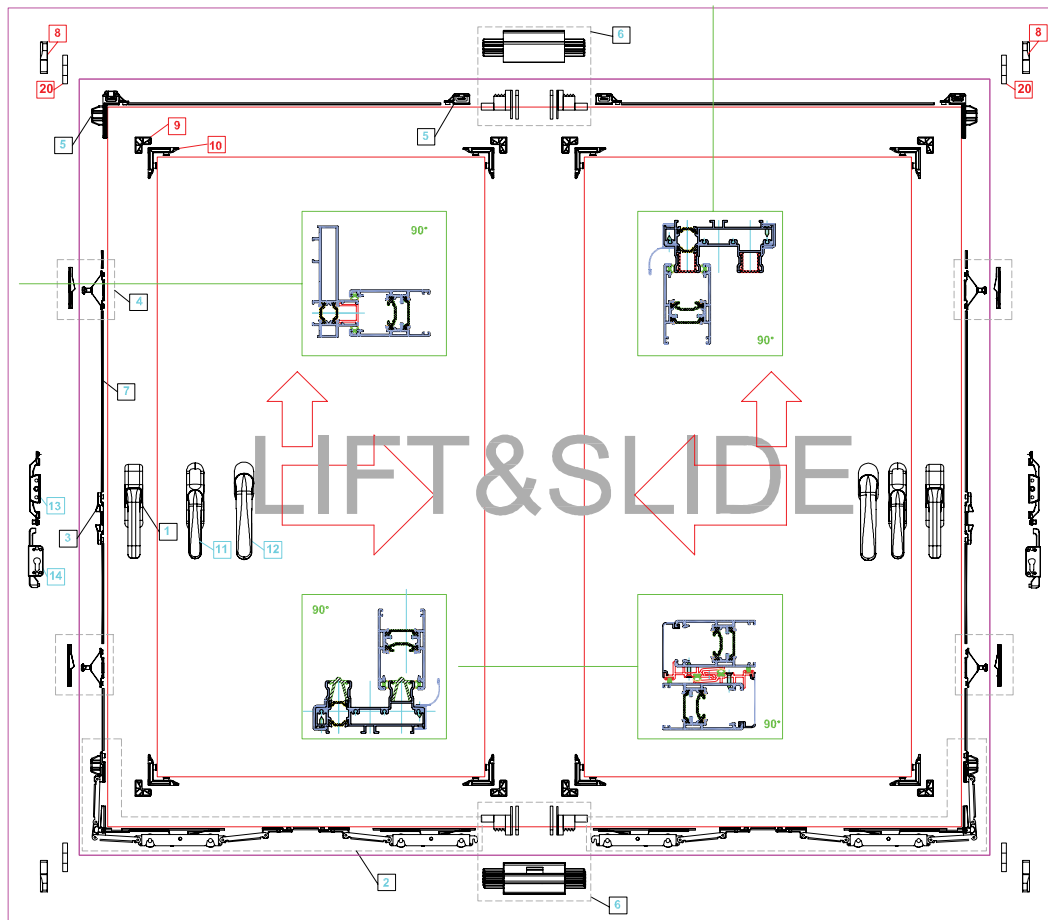
Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H > 2100mm, add one more Closing Kit.

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CONFIGURATION

Double Opening Sash Lift & Slide (High Load)



HARDWARE LIST

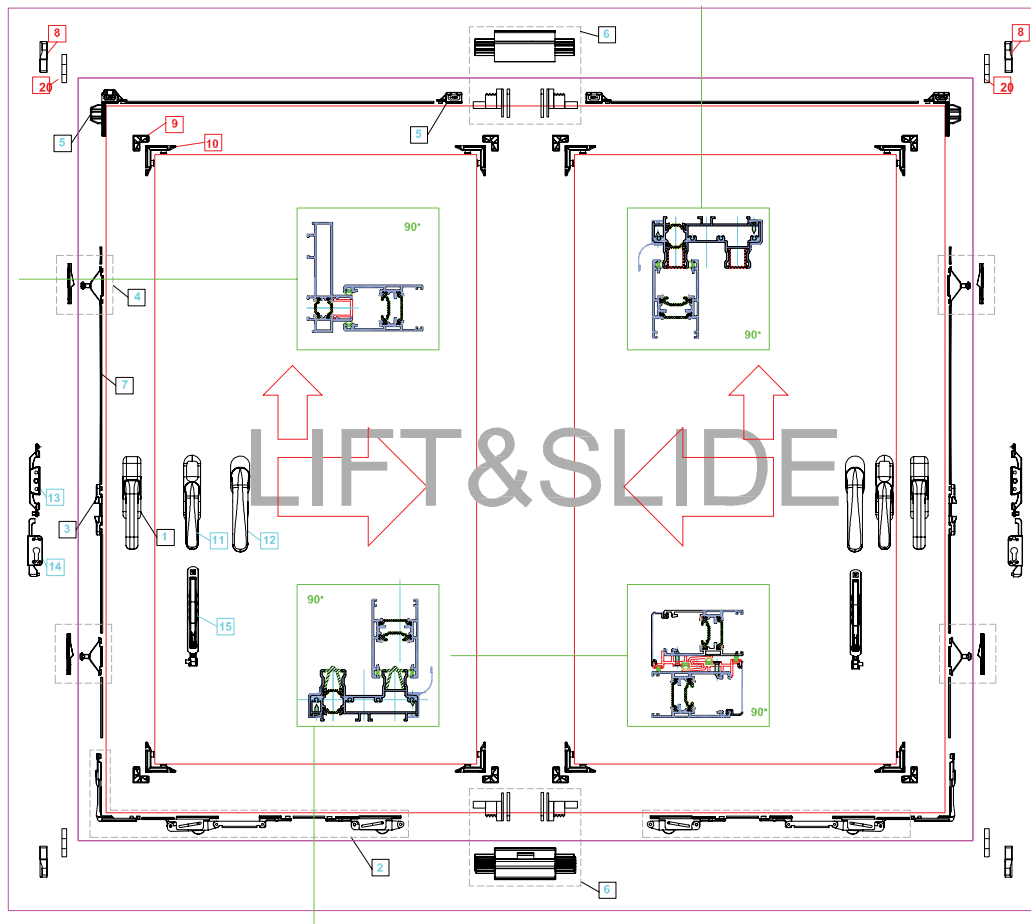
Item	Balexco Code	Giesse Code	Pc 90°	Description	
1	A3226	01057R	2	EURO CREMONE RAPID	Balexco Product
2	A3214	02913	1	PULLEY L&S (2 WHEELS) 200kg	
3	A3219	02940	2	ROD CREMONE RAPID	
4*	A3203	02929	4	CLOSING KIT FOR OPEN FRAME	
5	A3205	02939	2	SHOCK ABSORBER NO-LIFT CAPS (L&S)	
6	A3206	02936N	1	KIT CENTRE PLUGS FOR CONNECTION ROD	
7	A3210	03524			
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR) BALEXCO ITEM	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
11	A3227	01058R	2	PRIMA CREMONE RAPID	Balexco Options
12	A3230	02948	2	WINDOW HANDLE	
13	A3202	02951	2	INTERNAL DEVICE	
14	A3222	02952	2	LOCK FOR DEVICE	

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H >= 2100mm, add one more Closing Kit.

CONFIGURATION

Double Opening Sash Lift & Slide



HARDWARE LIST

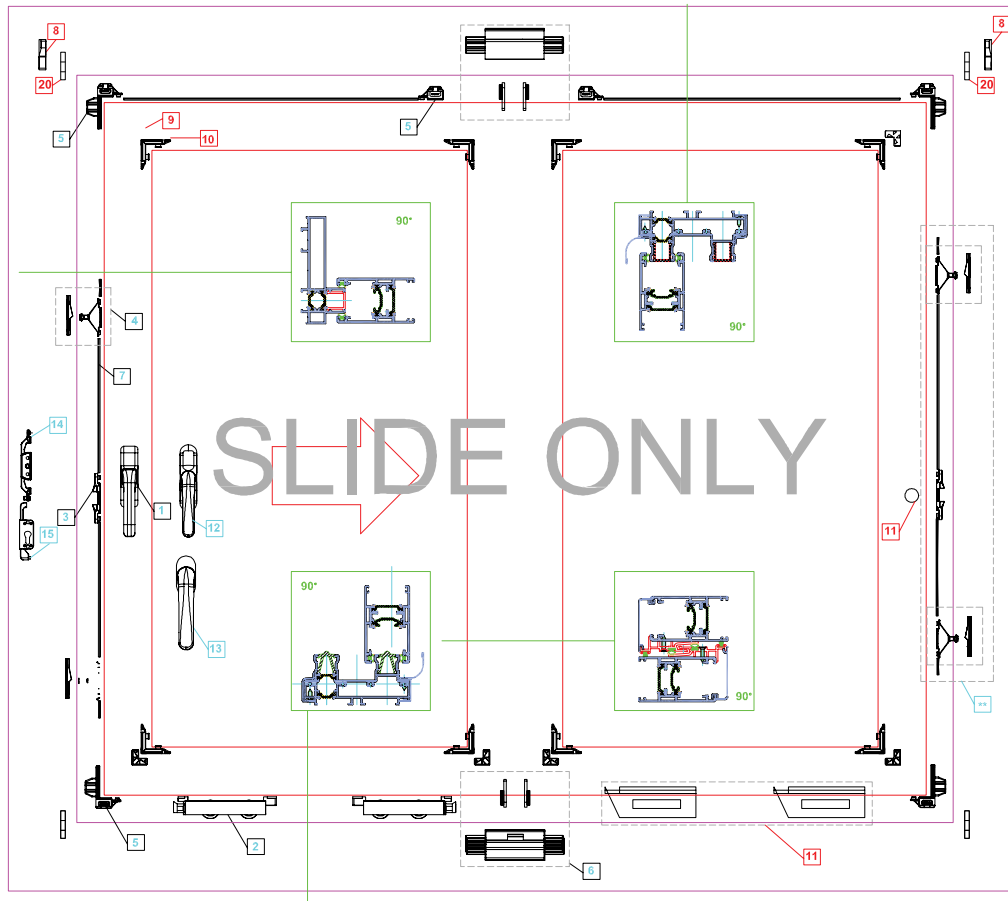
Item	Balexco Code	Giese Code	Pc 90°	Description	
1	A3226	01057R	1	EURO CREMONE RAPID	Balexco Product
2	A3213	02916	1	PULLEY L&S (1 WHEELS) 90kg	
3	A3219	02940	1	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3205	02939	2	SHOCK ABSORBER NO-LIFT CAPS (L&S)	
6	A3206	02936N	1	KIT CENTRE PLUGS	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR)	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
11	A3227	01058R	1	PRIMA CREMONE RAPID	Balexco Options
12	A3230	02948	1	WINDOW HANDLE	
13	A3202	02951	1	INTERNAL DEVICE	
14	A3222	02952	1	LOCK FOR DEVICE	
15	A3220	02942	1	LIFT & SLIDE FLAT HANDLE	

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H >= 2100mm, add one more Closing Kit.

CONFIGURATION

Single Opening Sash Slide (High Load)



HARDWARE LIST

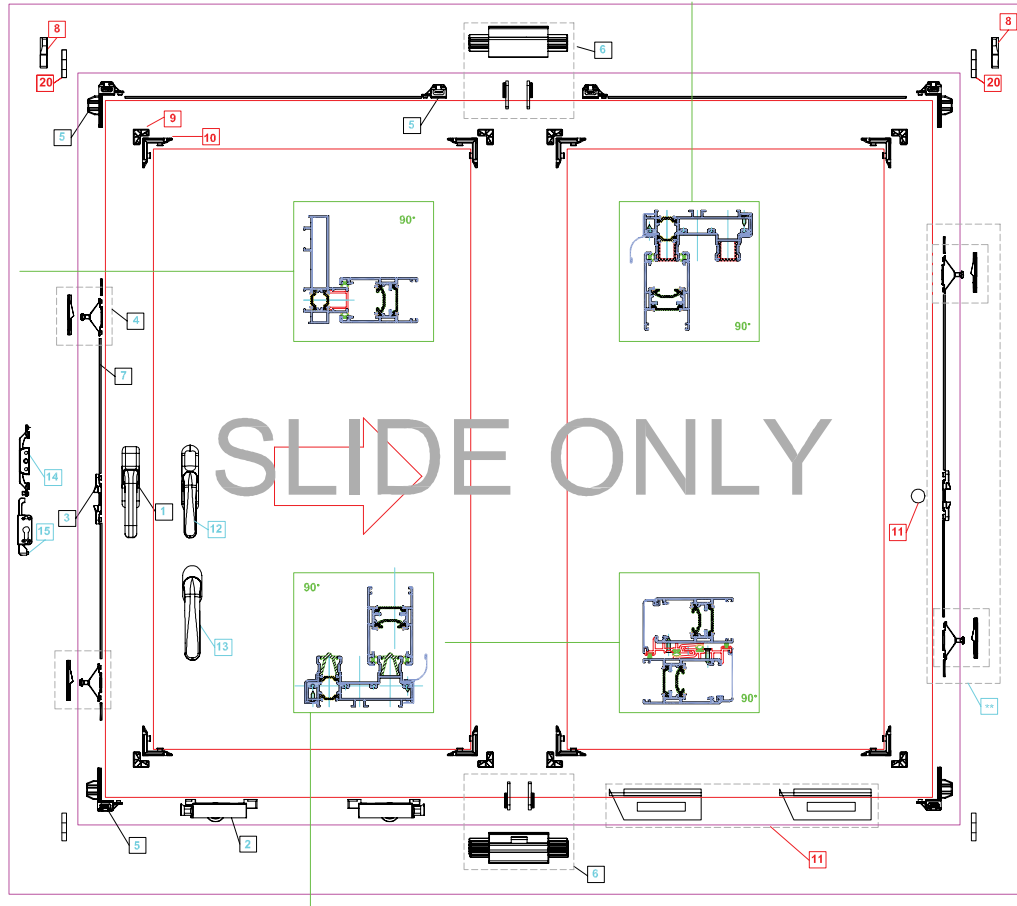
Item	Balexco Code	Giesse Code	Pc 90°	Description	
1	A3226	01057R	1	EURO CREMONE RAPID	
2	A3212	02911	2	CARRERA 2 DOUBLE ADJUSTABLE PULLEY 200kg	
3	A3219	02940	1	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3218	02933	2	SHOCK ABSORBER NO-LIFT CAPS (SLIDE)	
6	A3217	02927	1	KIT CENTRE PLUGS FOR 45mm	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR)	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
11	A3223	02954	1	FIXED SASH KIT (SPACERS+ COVER PLUGS)	
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
12	A3227	01058R	1	PRIMA CREMONE RAPID	
13	A3230	02948	1	PRIMA WINDOW HANDLE	
14	A3202	02951	1	INTERNAL DEVICE	
15	A3222	02952	1	LOCK FOR DEVICE	
** LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)					

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When $H > 2100\text{mm}$, add one more Closing Kit only if use handle 01057R or 01058R.

CONFIGURATION

Single Opening Sash Slide



HARDWARE LIST

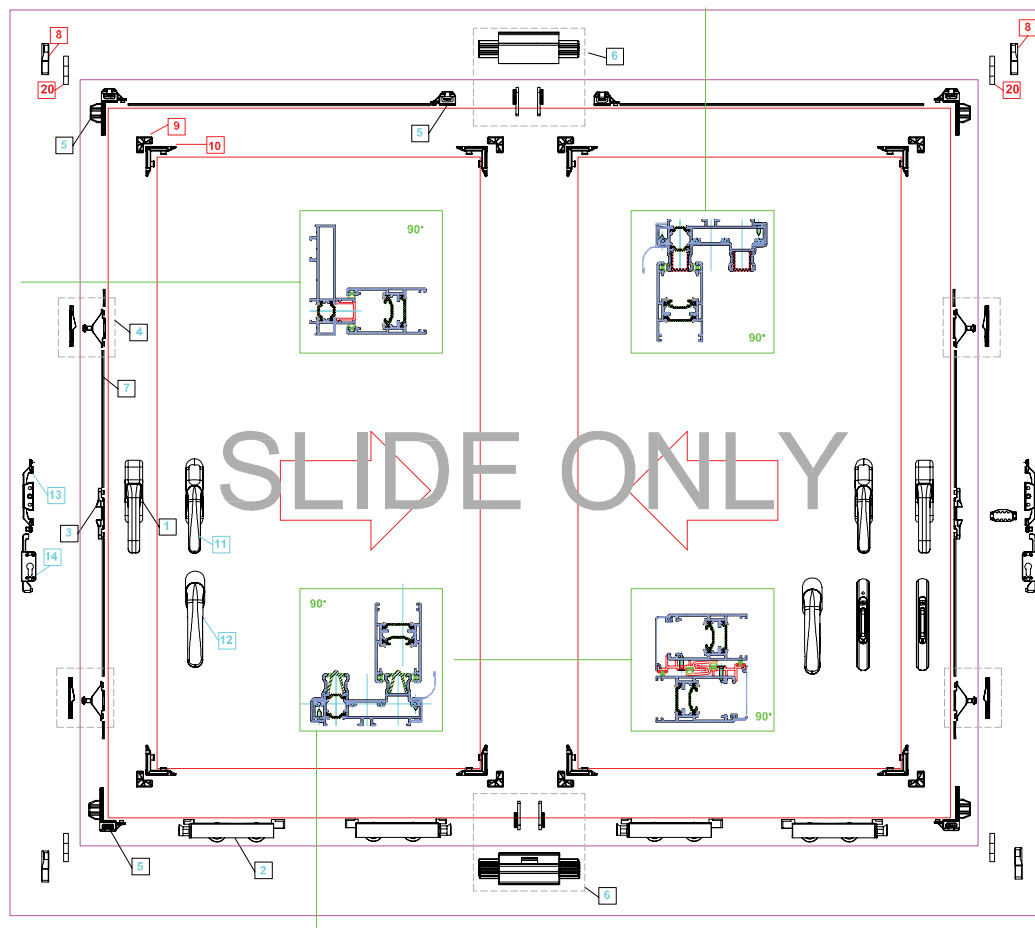
Item	Balexco Code	Giese Code	Pc 90°	Description	
1	A3226	01057R	1	EURO CREMONE RAPID	Balexco Product
2	A3211	02910	2	CARRERA1 SINGLE ADJUSTABLE PULLEY 80kg	
3	A3219	02940	1	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3218	02933	2	SHOCK ABSORBER NO-LIFT CAPS (SLIDE)	
6	A3217	02927	1	KIT CENTRE PLUGS FOR 45mm	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG(PAIR)	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
11	A3223	02954	1	FIXED SASH KIT (SPACERS + COVER PLUGS)	Balexco Options
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
12	A3227	01058R	1	PRIMA CREMONE RAPID	
13	A3230	02948	1	PRIMAWINDOW HANDLE	
14	A3202	02951	1	INTERNAL DEVICE	
15	A3222	02952	1	LOCK FOR DEVICE	
** LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)					

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H> = 2100mm, add one more Closing Kit only if use handle 01057R or 01058R.

CONFIGURATION

Double Opening Sashes Slide (High Load)



HARDWARE LIST

Item	Balexco Code	Giesse Code	Pc 90°	Description	
1	A3226	01057R	2	EURO CREMONE RAPID	Balexco Product
2	A3212	02911	4	CARRERA 2 DOUBLE ADJUSTABLE PULLEY200kg	
3	A3219	02940	2	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3218	02933	2	SHOCK ABSORBER NO-LIFT CAPS (SLIDE)	
6	A3217	02927	1	KIT CENTRE PLUGS FOR 45 mm	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR)	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
11	A3227	01058R	2	PRIMA CREMONE RAPID	Balexco Options
12	A3230	02948	2	PRIMA WINDOW HANDLE	
13	A3202	02951	2	INTERNAL DEVICE	
14	A3222	02952	2	LOCK FOR DEVICE	
**				LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)	

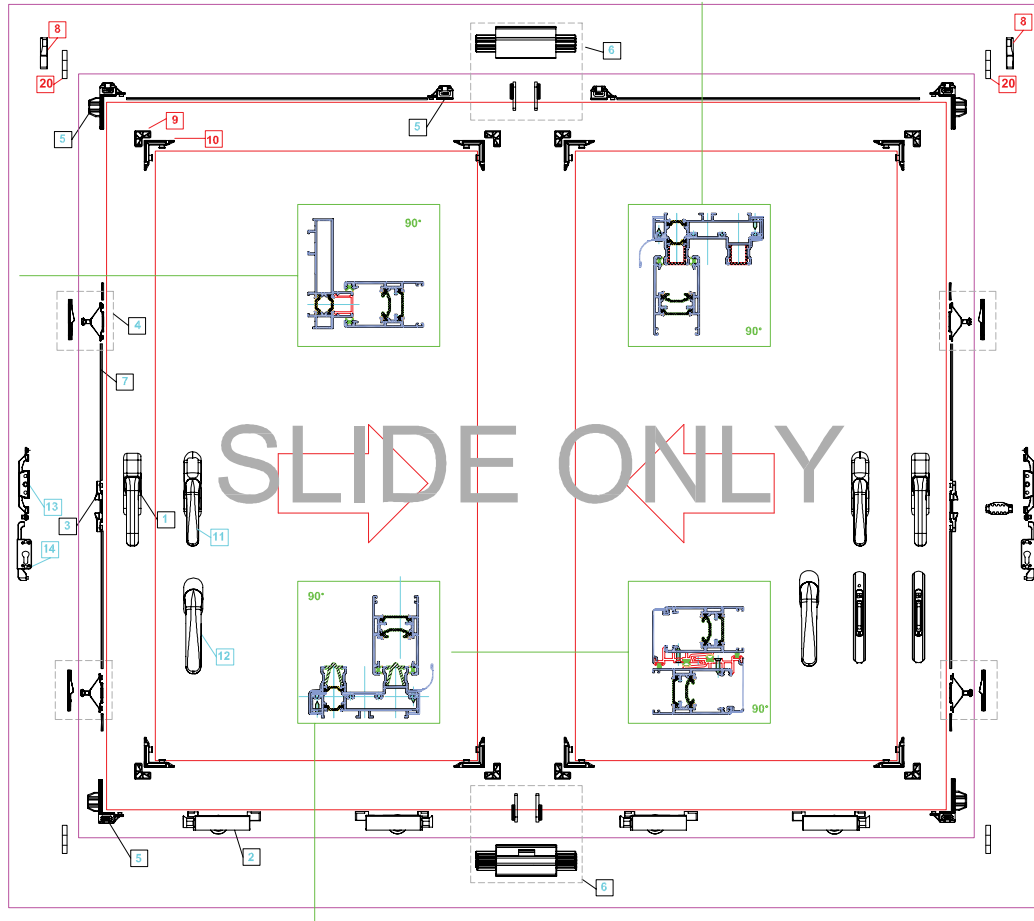
Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H > 2100mm, add one more Closing Kit only if use handle 01057R or 01058R.

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CONFIGURATION

Double Opening Sash Slide



HARDWARE LIST

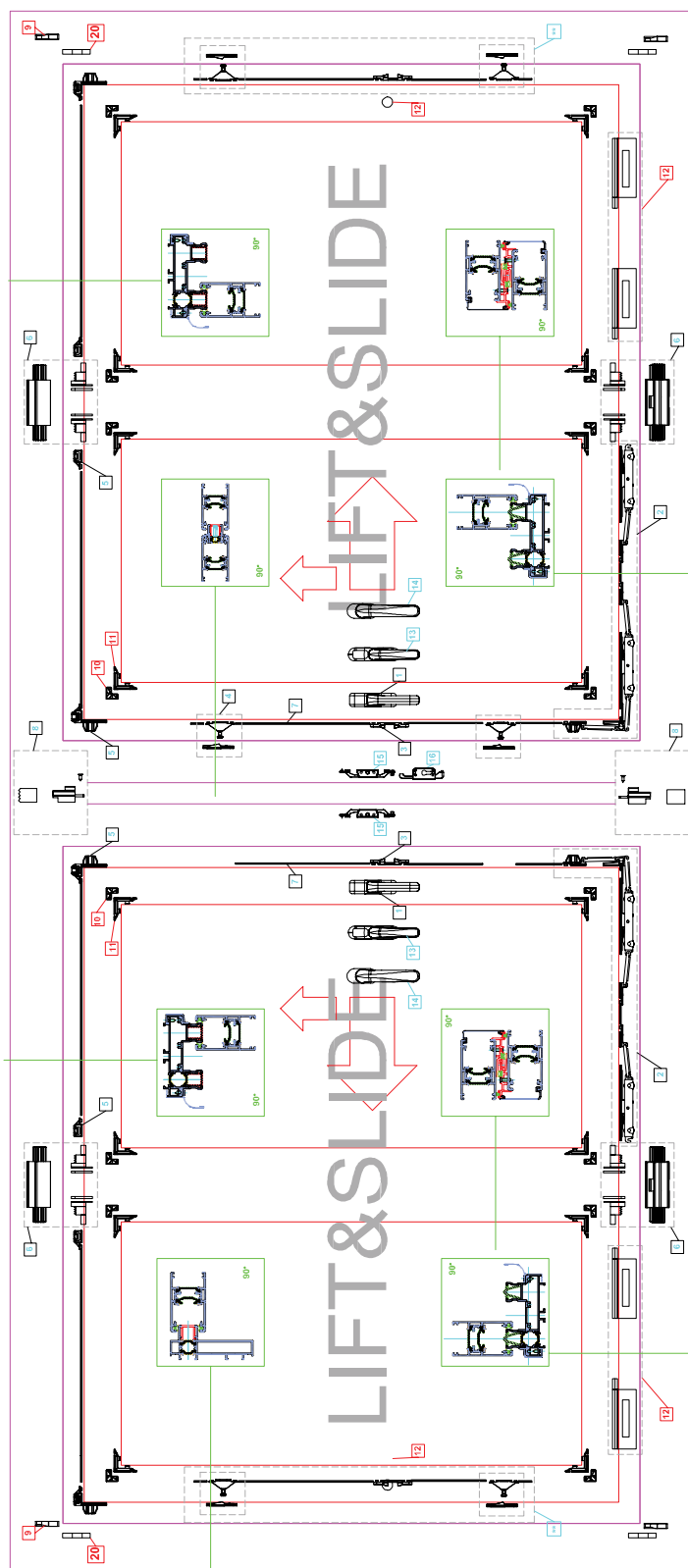
Item	Balexco Code	Giesse Code	Pc 90°	Description	
1	A3226	01057R	2	EURO CREMONE RAPID	Balexco Product
2	A3211	02910	4	CARRERA 1 SINGLE ADJUSTABLE PULLEY 80kg	
3	A3219	02940	2	ROD CREMONE RAPID	
4*	A3203	02929	2	CLOSING KIT FOR OPEN FRAME	
5	A3218	02933	2	SHOCK ABSORBER NO-LIFT CAPS (SLIDE)	
6	A3217	02927	1	KIT CENTRE PLUGS FOR 45mm	
7	A3210	03524		CONNECTION ROD	
8	G2204	G2204	2	WATER TRAPPING PLUG (PAIR)	
9	A3215	02921	16	PROFILE ALIGNMENT CORNER JOINT	
10	A3208	02923N	8	CORNER JOINT FOR SASH	
20	A3231	02974	4	SEALING PLATE FOR 90° FRAME	
11	A3227	01058R	2	PRIMA CREMONE RAPID	Balexco Options
12	A3230	02948	2	PRIMA WINDOW HANDLE	
13	A3202	02951	2	INTERNAL DEVICE	
14	A3222	02952	2	LOCK FOR DEVICE	
**	LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)				

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

* When H > 2100mm, add one more Closing Kit only if use handle 01057R or 01058R.

CONFIGURATION

Double Opening Four Sashes Lift & Slide (High Load)



CONFIGURATION

Double Opening Four Sashes Lift & Slide(High Load)

HARDWARE LIST					Description	Balaxco Product
Item	Balaxco Code	Giesse Code	Pc	90°		
1	A3226	01057R	2		EURO CREMONE RAPID	
2	A3214	02913	2		PULLEY L&S (2 WHEELS) 200kg	
3	A3219	02940	2		ROD CREMONE RAPID	
4*	A3203	02929	2		CLOSING KIT FOR OPEN FRAME	
5	A3205	02939	4		SHOCK ABSORBER NO-LIFT CAPS (L&S)	
6	A3206	02936N	2		KIT CENTRE PLUGS FOR	
7	A3210	03524			CONNECTION ROD	
8	A3221	02947	1		PLUG FOR FOUR SASHES CONNECTION	
9	G2204	G2204	2		WATER TRAPPING PLUG (PAIR) T-REX BALEXCO ITEM	
10	A3215	02921	32		PROFILE ALIGNMENT CORNER JOINT	
11	A3208	02923N	16		CORNER JOINT FOR SASH	
12	A3223	02954	2		FIXED SASH KIT (SPACERS + COVER PLUGS)	
20	A3231	02974	4		SEALING PLATE FOR 90° FRAME	
13	A3227	01058R	2		PRIMA CREMONE RAPID	Balaxco Options
14	A3230	02948	2		PRIMA WINDOW HANDLE	
15	A3202	02951	2		INTERNAL DEVICE	
16	A3222	02952	1		LOCK FOR DEVICE	
**	LOCKING KIT FOR FIXED SASH (HIGH ANTI-BURGLAR)					

Related profile refer to technical features. If mosquito screen required, please order 4pcs of 02922.

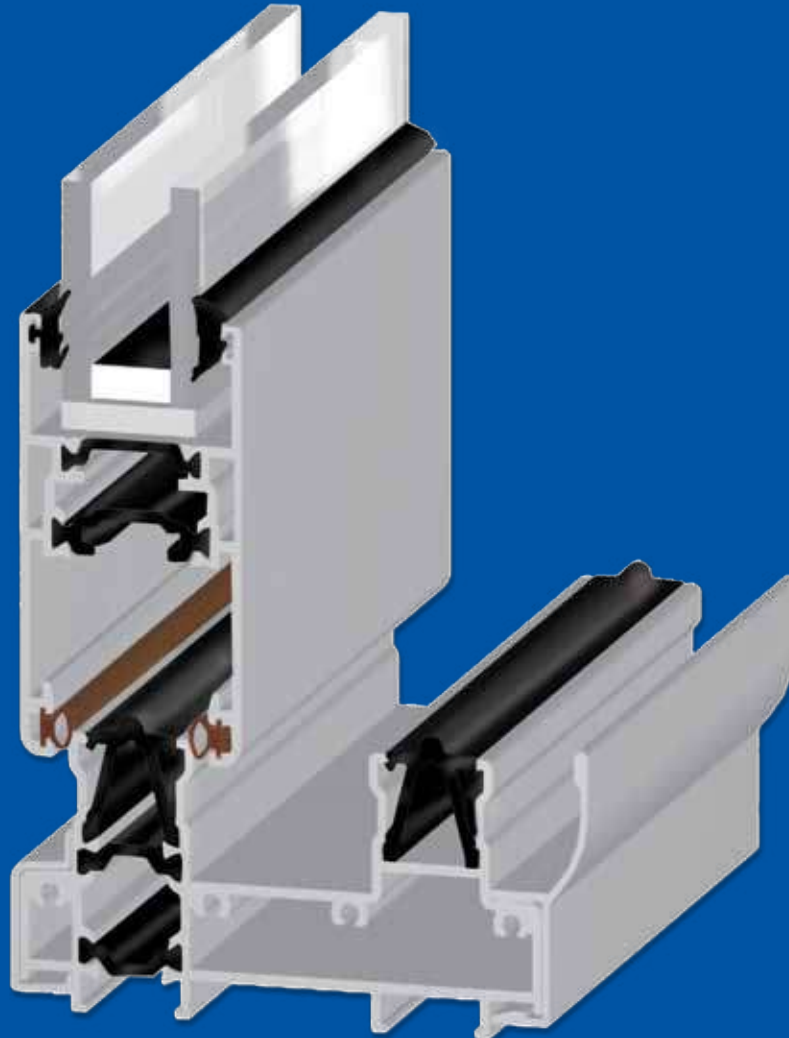
* When H >= 2100mm, add one more Closing Kit



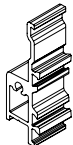
TECHNICAL

Features

- Luxury System's device and thermal bars are suitable for extreme weather conditions
- Luxury System's patent design reduces the energy transfer along longitude direction on the frame which is extremely excellent for heat insulation
- Luxury System's patent design, using one-way valve drainage principle, ensure extremely excellent water tightness
- Extremely excellent performance in air permeability & noise reduction



PROFILE & ACCESSORIES

Description	Frame 90° Profile	
Code	E6101	
Weight	0.589 kg/m	
Thickness	1.8 mm	
Dimension	13.5 50.5	
Material	Alloy 6063	
Perimeter	Ext 164 mm	
	Int 48 mm	
		

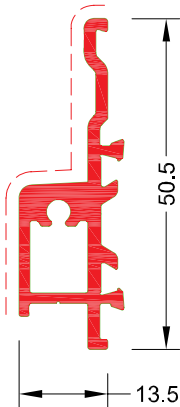
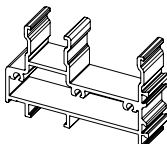


Diagram showing the cross-section of the E6101 profile. The height is 50.5 mm and the width is 13.5 mm.

Description	Frame 90° Profile	
Code	E6102	
Weight	1.712 kg/m	
Thickness	1.8 mm	
Dimension	74.5 50.5	
Material	Alloy 6063	
Perimeter	Ext 416 mm	
	Int 212 mm	
		

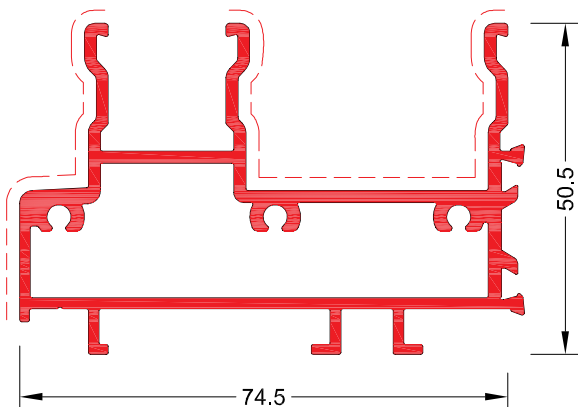
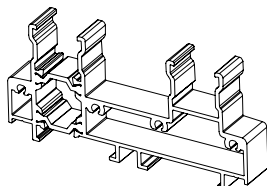


Diagram showing the cross-section of the E6102 profile. The height is 50.5 mm and the width is 74.5 mm.

Description	Frame 90°	
Code	E6201	
Weight	2.301 kg/m	
Thickness	1.8 mm	
Dimension	106 50.5	
Material	Alloy 6063	
Thermal isolation bar	20mm	 i2150
	20mm	 i2150
	PA 66 + GF25	
		

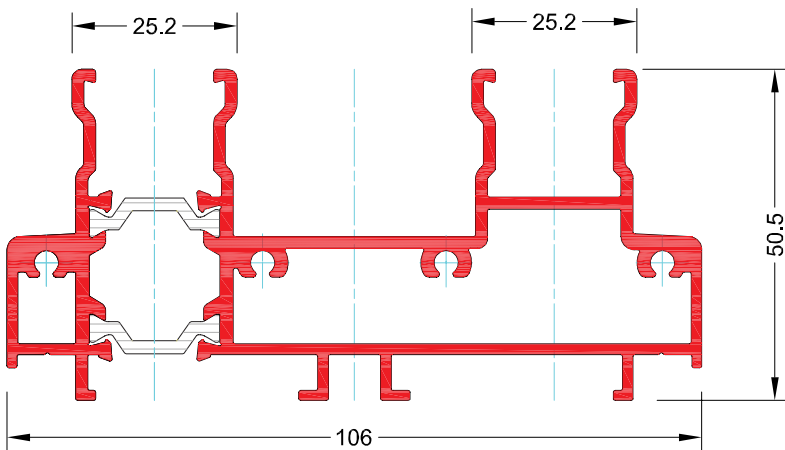
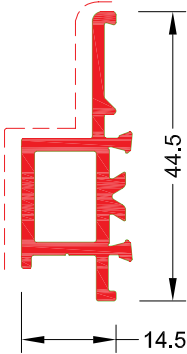
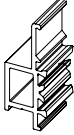
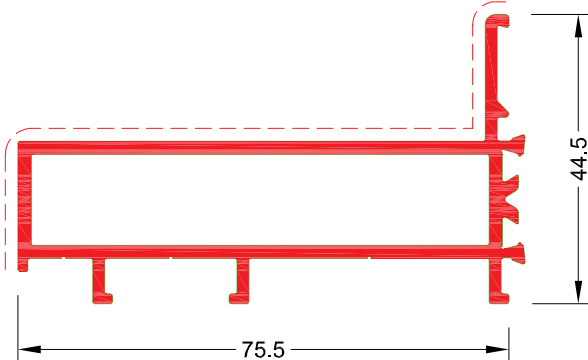
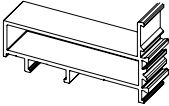
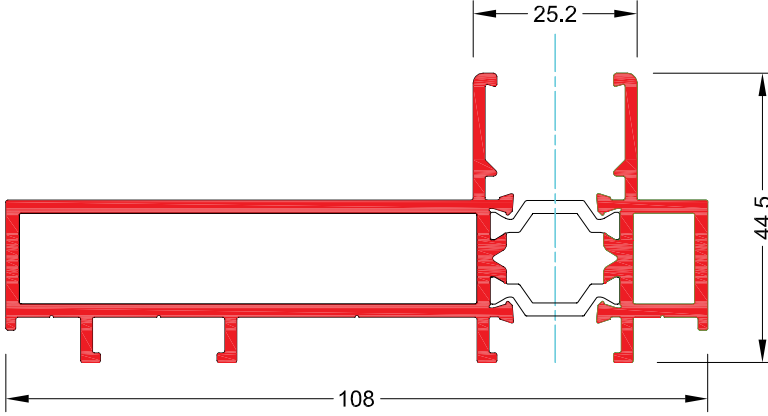
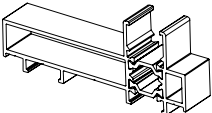
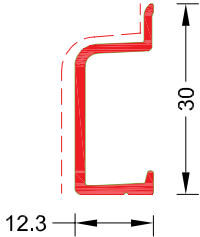
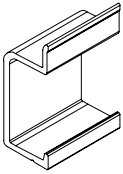
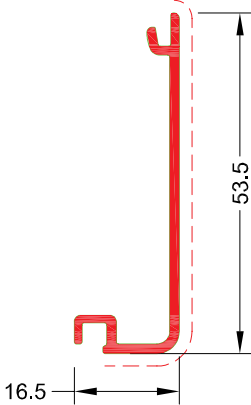
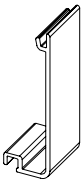
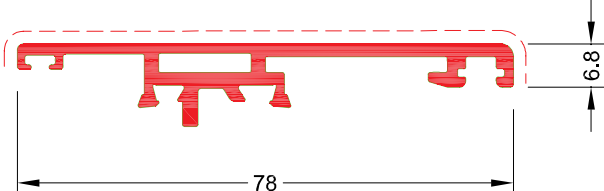
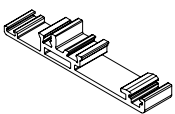


Diagram showing the cross-section of the E6201 profile. The height is 50.5 mm and the width is 106 mm. The distance between the vertical bars is 25.2 mm.

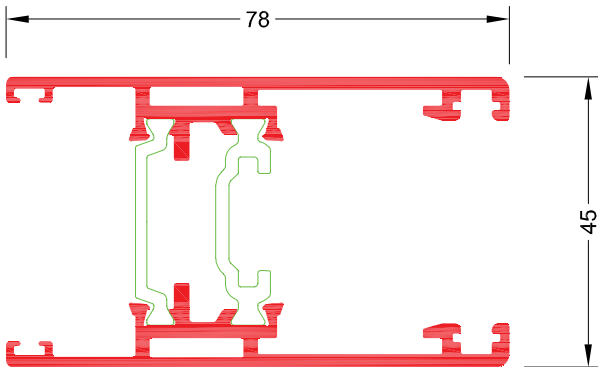
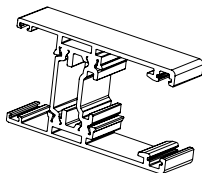
PROFILE & ACCESSORIES

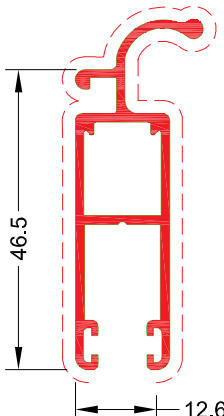
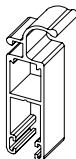
Description	Frame Upright	 44.5 14.5
Code	E6103	
Weight	0.527 kg/m	
Thickness	1.8 mm	
Dimension	14.5 44.5	
Material	Alloy 6063	
Perimeter	Ext 155 mm Int 46 mm	
 Assembly with E6104		
Description	Frame Upright	 44.5 75.5
Code	E6104	
Weight	0.589 kg/m	
Thickness	1.8 mm	
Dimension	75.5 44.5	
Material	Alloy 6063	
Perimeter	Ext 309 mm Int 168 mm	
		
Description	Frame Upright	 25.2 44.5 108
Code	E6202	
Weight	1.116 kg/m	
Thickness	1.8 mm	
Dimension	75.5 44.5	
Material	Alloy 6063	
Perimeter	Ext 309 mm Int 168 mm	
Thermal isolation bar	20mm	 i2150
	20mm	 i2150
	PA 66 + GF25	
		

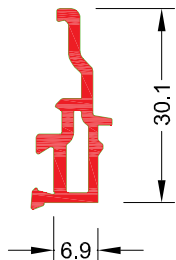
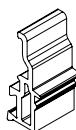
PROFILE & ACCESSORIES

Description	Decoration Profile	
Code	E6105	
Weight	0.205 kg/m	
Thickness	1.6 mm	
Dimension	12.3 30	
Material	Alloy 6063	
Perimeter	Ext 105 mm	
		
Description	Central Labyrinth	
Code	E6106	
Weight	0.316 kg/m	
Thickness	1.3 mm	
Dimension	16.5 53.5	
Material	Alloy 6063	
Perimeter	Ext 163 mm	
		
Description	Sash Profile	
Code	E6107	
Weight	0.729 kg/m	
Thickness	1.8 mm	
Dimension	78 6.8	
Material	Alloy 6063	
Perimeter	Ext 248 mm Int 35 mm	
		

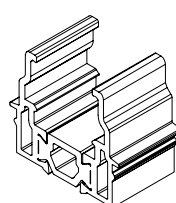
PROFILE & ACCESSORIES

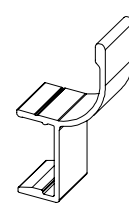
Description	Sash Profile		
Code	E6203		
Weight	1.458 kg/m		
Thickness	1.8 mm		
Dimension	78 45		
Material	Alloy 6063		
Thermal isolation bar	32mm	 i2152	
	32mm	 i2151	
	PA 66 + GF25		
			

Description	Mosquito Profile		
Code	E6108		
Weight	0.543 kg/m		
Thickness	1.3 mm		
Dimension	14,6 46.5		
Material	Alloy 6063		
Perimeter	Ext 238 mm		
	Int 54 mm		
			

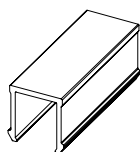
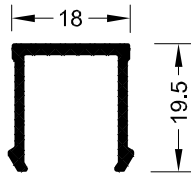
Description	Connection Profile		
Code	E6109		
Weight	0.308 kg/m		
Thickness	1.5 mm		
Dimension	6.9 30.1		
Material	Alloy 6063		
Perimeter	Ext 98 mm		
	Int 31 mm		
			

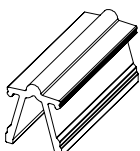
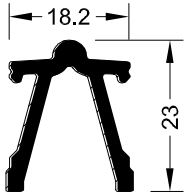
PROFILE & ACCESSORIES

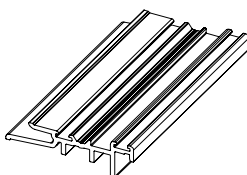
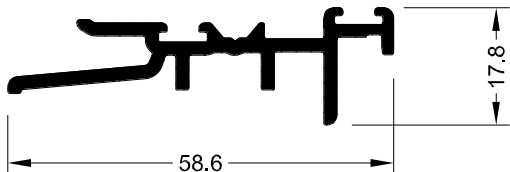
Description	Connection Profile		
Code	E6204		
Weight	0.616 kg/m		
Thickness	1.5 mm		
Dimension	30,8 30,1		
Material	Alloy 6063		
Thermal isolation bar	17mm		i2156
	PA 66 + GF25		
			

Description	Mosquito Screen Profile		
Code	E6110		
Weight	0.362 kg/m		
Thickness	1.5 mm		
Dimension	25,3 50,4		
Material	Alloy 6063		
Perimeter	Ext 152 mm		
			

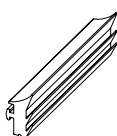
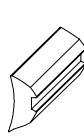
PROFILE & ACCESSORIES

Description	Decoration Profile
Code	i2154
Weight	0.127 kg/m
Material	PA66
	
	

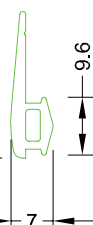
Description	Guide
Code	i2155
Weight	0.179 kg/m
Material	PA66 +GF25
	
	

Description	Interlock
Code	i2153
Weight	0.304 kg/m
Material	PA66 + GF25
	
	

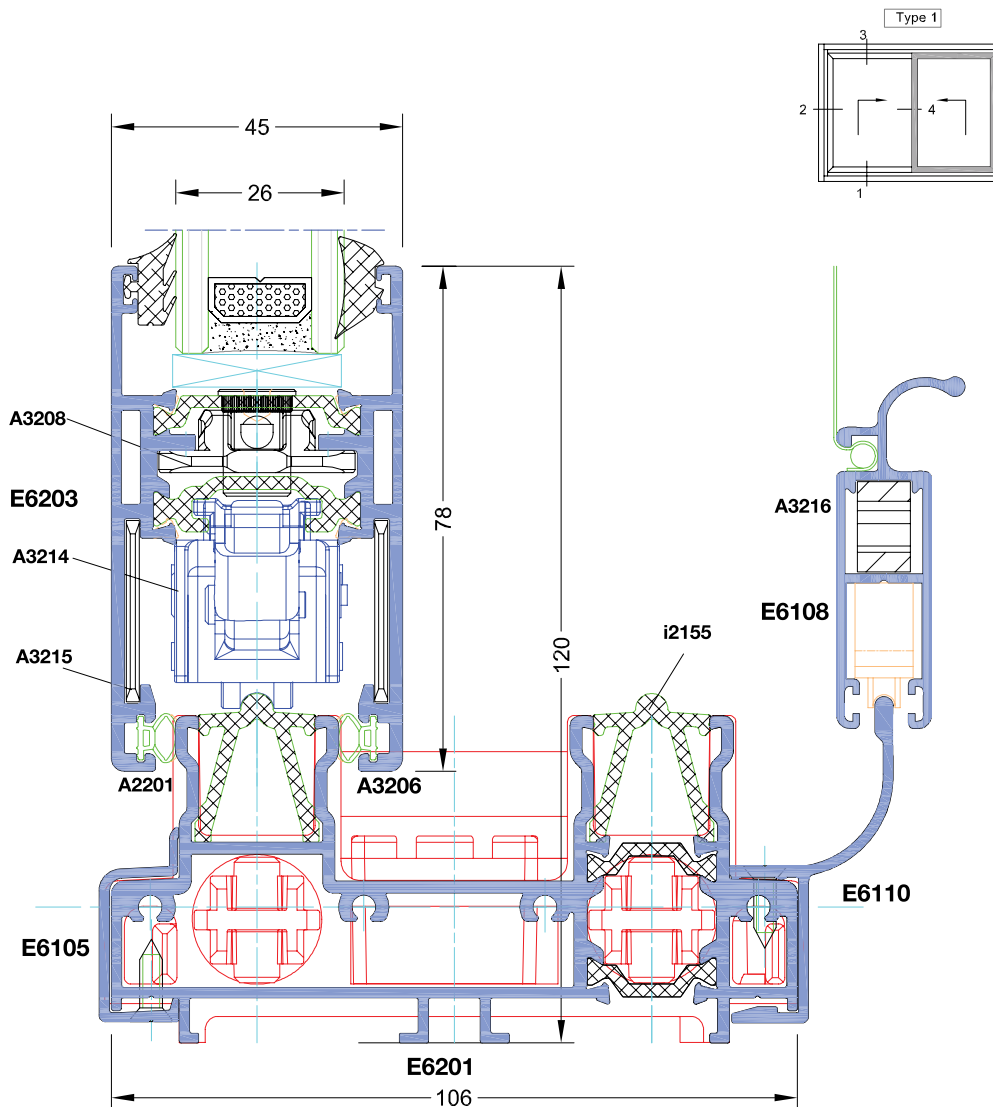
PROFILE & ACCESSORIES

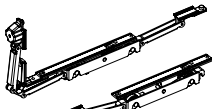
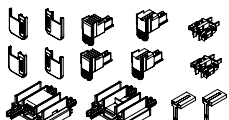
Description		Glazing Gasket outdoor		Description		Glazing Gasket indoor	
Code		G2205		Code		G2206	
Weight		0.083 kg/m		Weight		0.094 kg/m	
Material		EPDM		Material		EPDM	
Scale		1:1		Scale		1:1	
							

Description		Seal Gasket		Description		Brush	
Code		G2201		Code		G2203	
Weight		—		Weight		—	
Material		EPDM		Material		—	
Scale		1:1		Scale		1:1	
							

Description		Mosquito Screen Gasket		Description			
Code		G2202		Code			
Weight		—		Weight			
Material		EPDM		Material			
Scale		1:1		Scale			
							

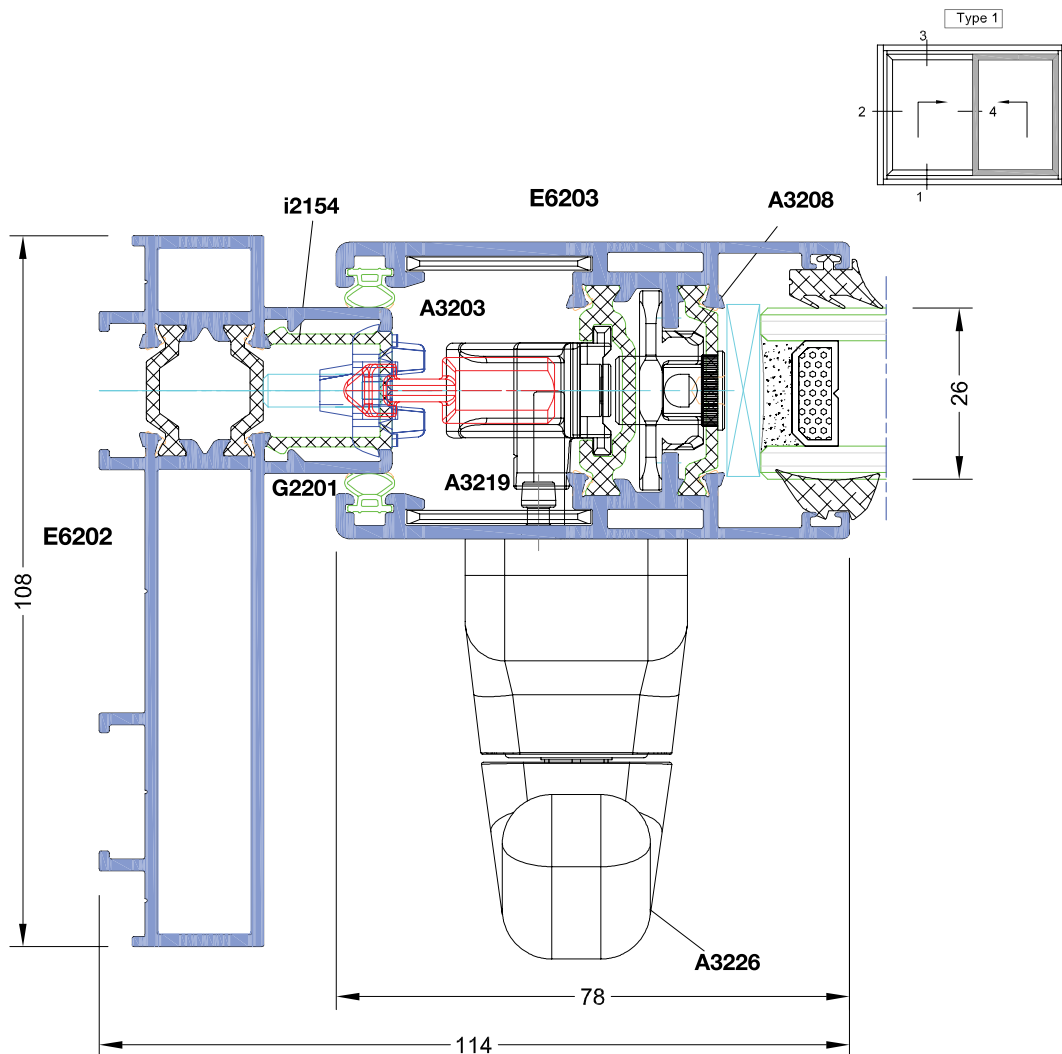
Bottom Section (High Load) Section 1.



Hardware and Accessories					Profile	
				Description	Code	
				Frame90° Profile	E6201	
				Sash	E6203	
				Mosquito Netting Track	E6110	
				Decoration Profile	E6105	
Pulley L&S Door (2 wheels)	Kit Central Plugs For L&S	Water Trapping Plug (pair)	Corner Joint	Mosquito Profile	E6108	
A3214	A3206	G2204	A3216	Guide	i2155	
	Alignment Corner Joint		Connection Rod		Seal Gasket	A2201
	A3215		A3210		A3208	
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.						

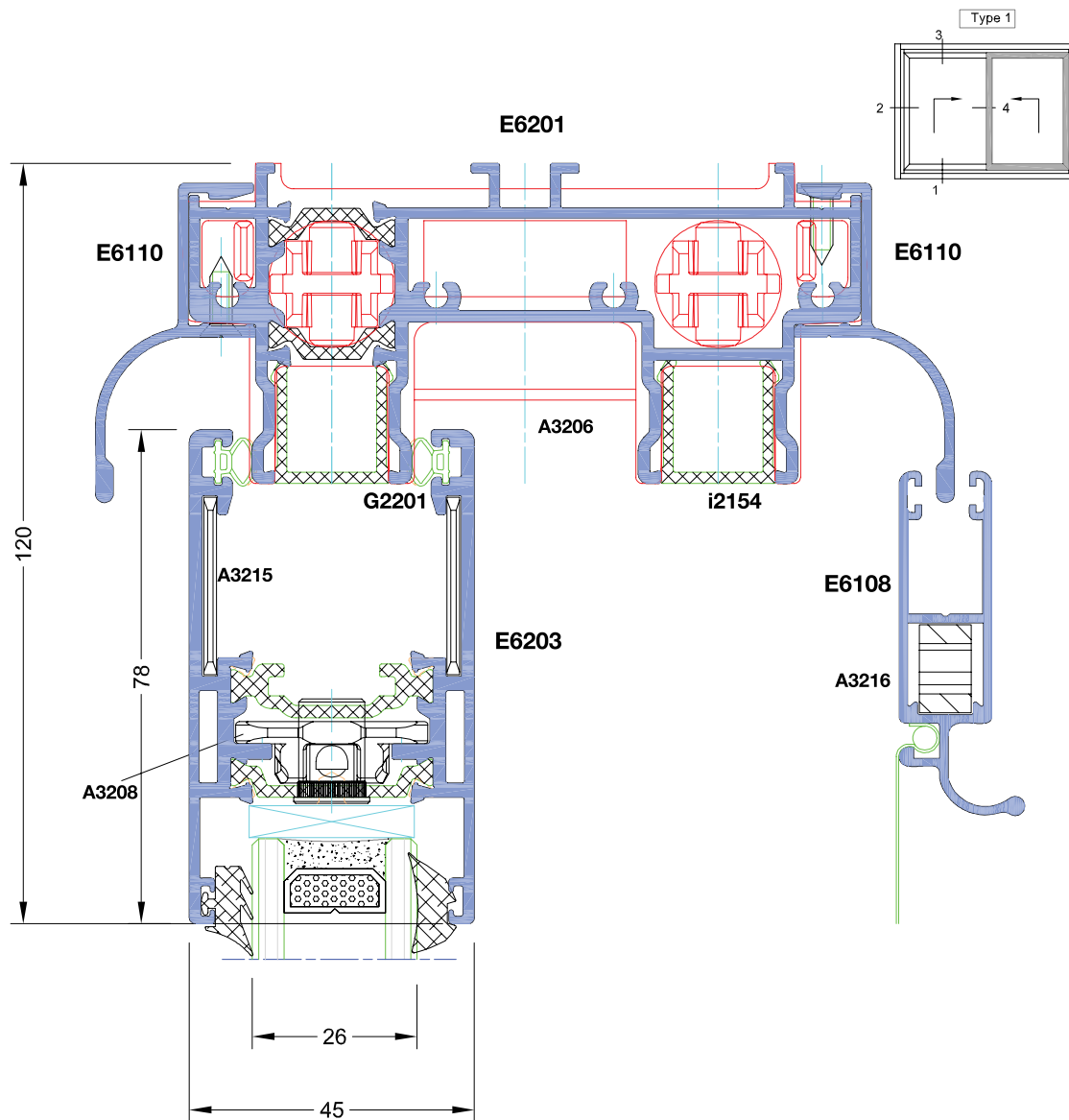
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.

Horizontal Section (High Load) Section 2



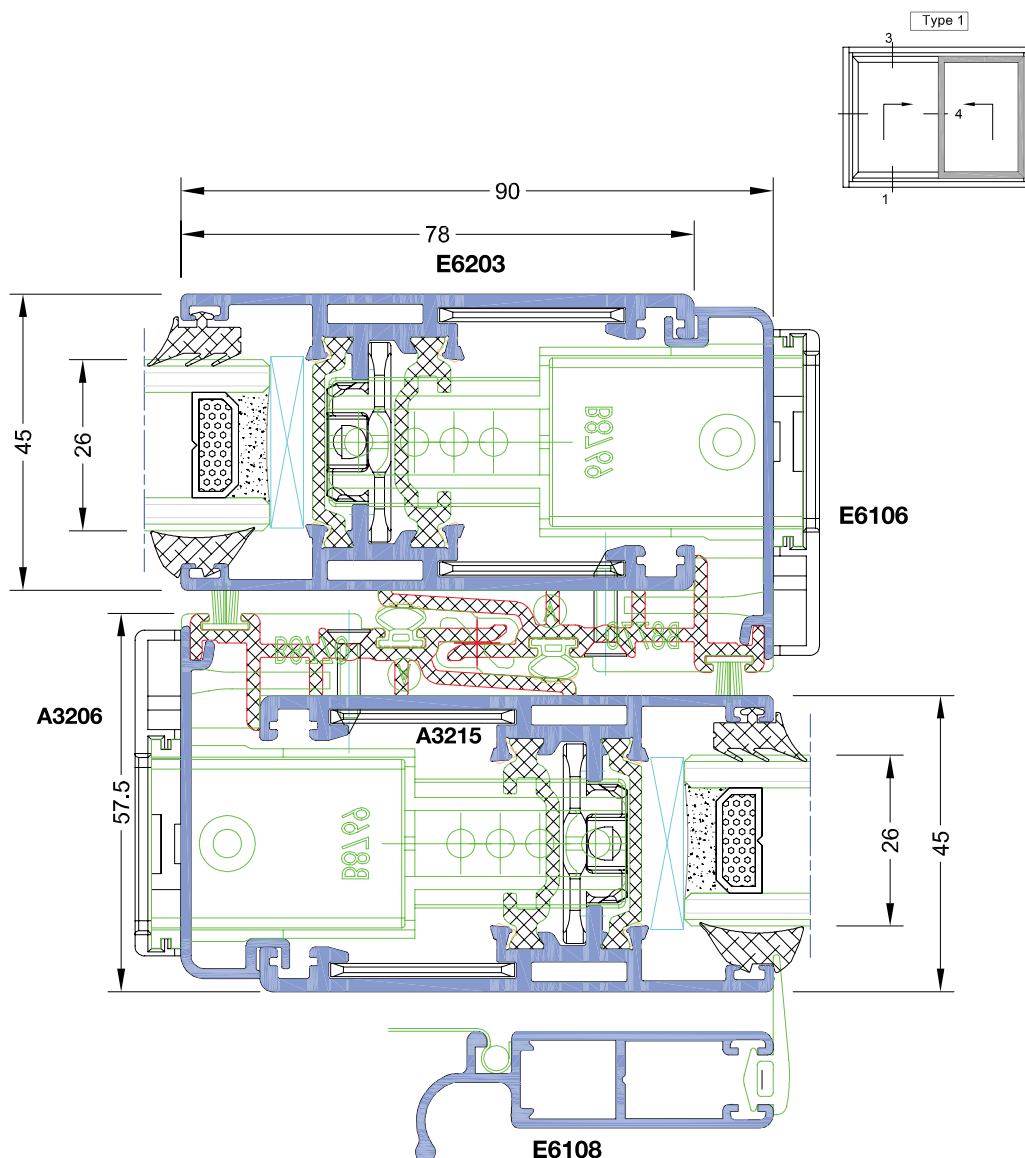
Hardware and Accessories						Profile		
						Description	Code	
Handle	Internal Device	Lock	L&S Flat Handle	Handle	Cremone Driving Rod	Frame Upright	E6202	
A3230	A3202	A3222	A3220	A3226	A3219	Sash Profile	E6203	
						Guide	i2154	
						Glazing Gasket	G2205	
						Glazing Gasket	G2206	
	Corner Joint		Closing Kit For Open Frame			Corner Joint	Seal Gasket	G2201
	A3208		A3203			A3215	Hollow Glass	6+14A+6mm
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.								

Upper Section (High Load) Section 3



Hardware and Accessories				Profile	
				Description	Code
				FRAME 90° Profile	E6201
				Sash	E6203
				Mosquito Netting Track	E6110
				Mosquito Profile	E6108
Shock Absorber no-lift Caps (L&S)	Kit Central Plugs For L&S	Corner Joint	Water Trapping Plug (pair)	Guide	i2154
A3205	A3206	A3208	G2204	Glazing Gasket	G2205 & G2206
	A3210	Connection Rod	Corner Joint	Seal Gasket	G2201
A3215			A3216	Hollow Glass	6+14A+6mm
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.					

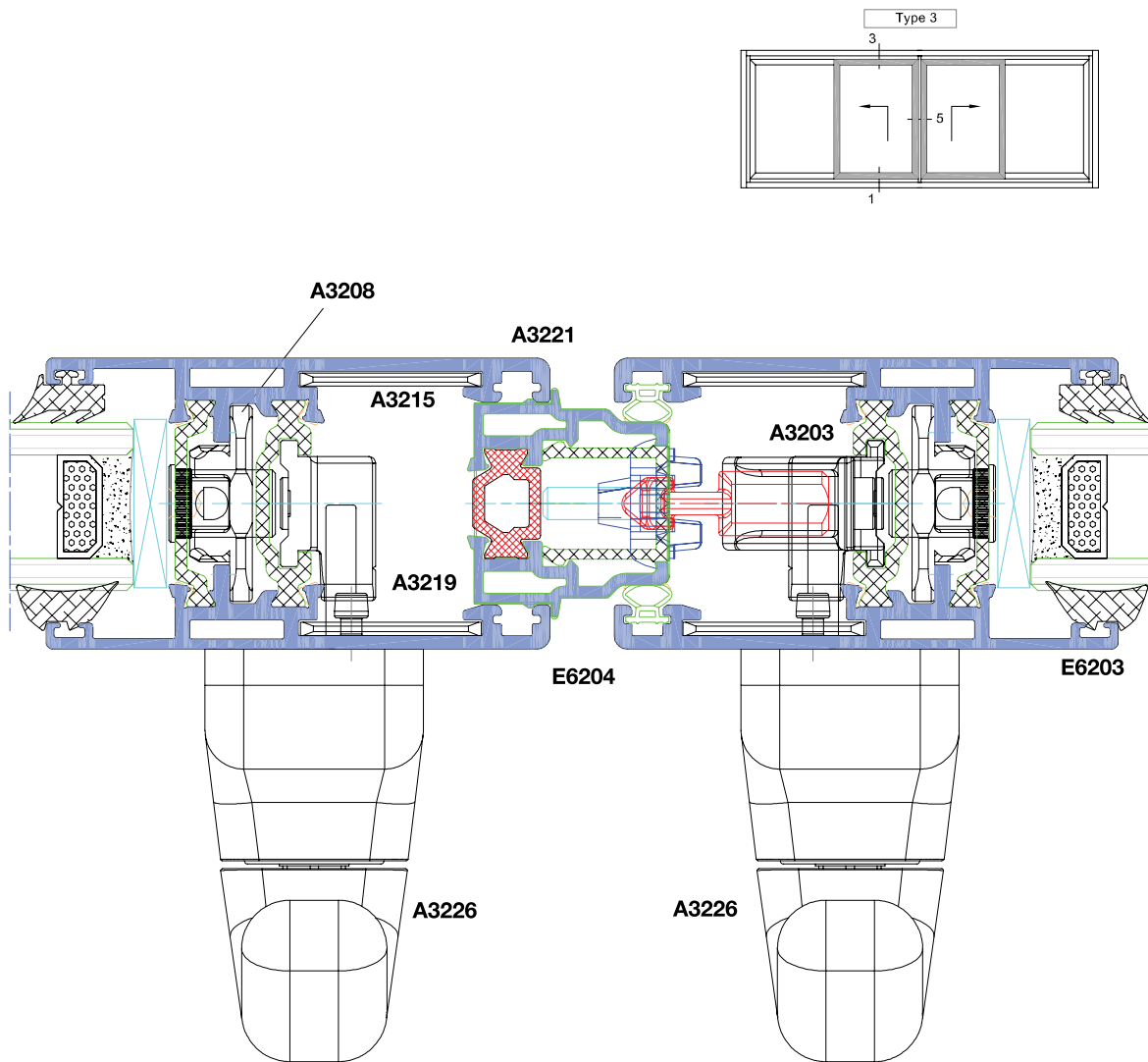
Horizontal Overlap Section (High Load) Section 4

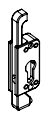
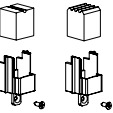


Hardware and Accessories					Profile	
					Description	Code
					Sash	E6203
					Interlock	i2153
					Central Labyrinth	E6106
					Mosquito Profile	E6108
Kit Central Plugs For L&S					Glazing Gasket	G2205 & G2206
A3206					Seal Gasket	G2201
Corner Joint					Flyscreen Gasket & Brush	G2202 & G2203
A3215					Hollow Glass	6+14A+6mm
A3210 Connection Rod						
A3216						

Hardware is shown for L&S, for Slide configuration please select brush and related hardware.

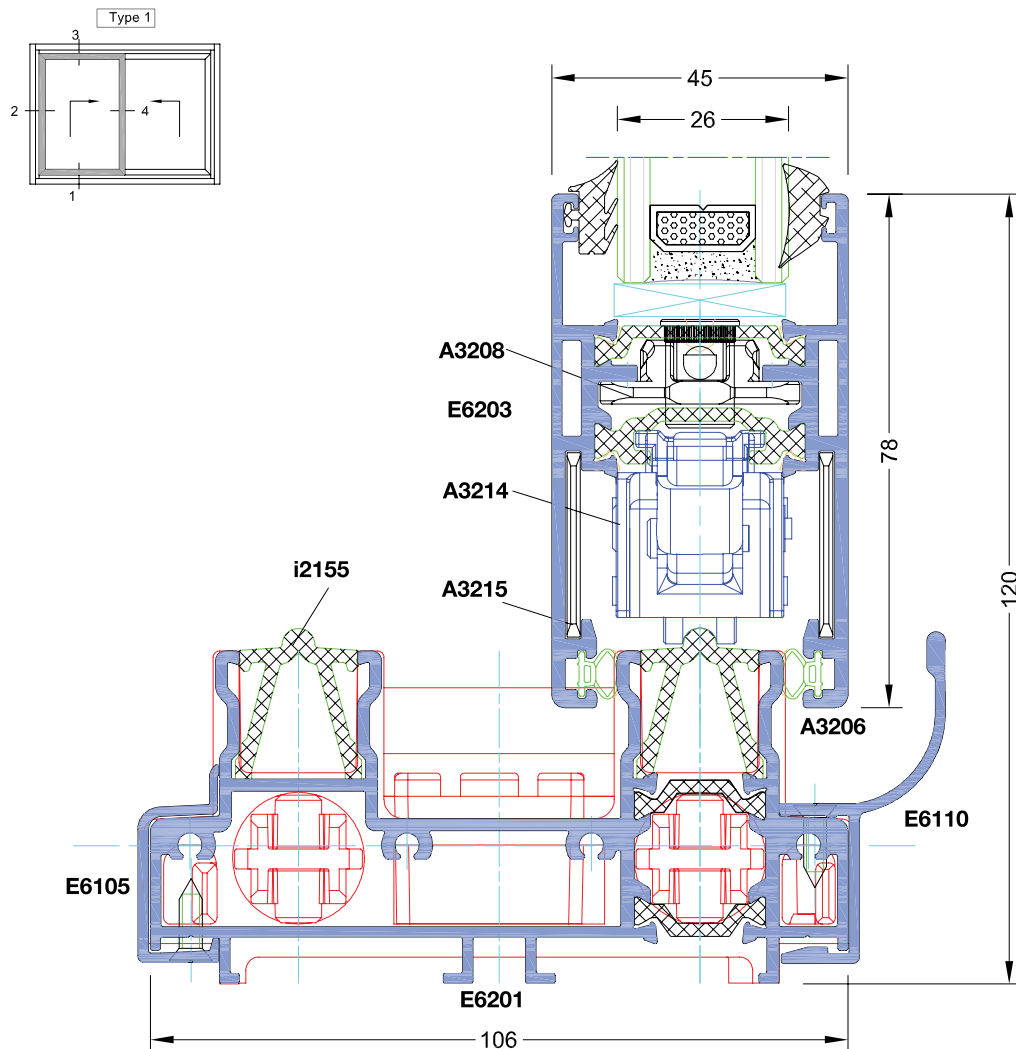
Four Sash Overlap Section (High Load) Section 5

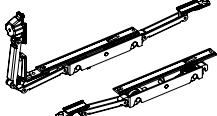
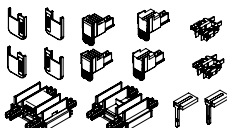


Hardware and Accessories							Profile	
							Description	Code
							Sash Profile	E6203
							Four sash connection Profile	E6204
							Decoration Profile	---
Handle	Internal Device	Lock	L&S Flat Handle	Handle	Cremone Drive	Plug for four Sash Connection	Glazing Gasket	G2205
A3230	A3202	A3222	A3220	A3226	A3219	A3221	Glazing Gasket	G2206
	Corner Joint		Closing Kit For Open Frame			Corner Joint	Seal Gasket	G2201
A3208			A3203			A3215	Hollow Glass	6+14A+6mm

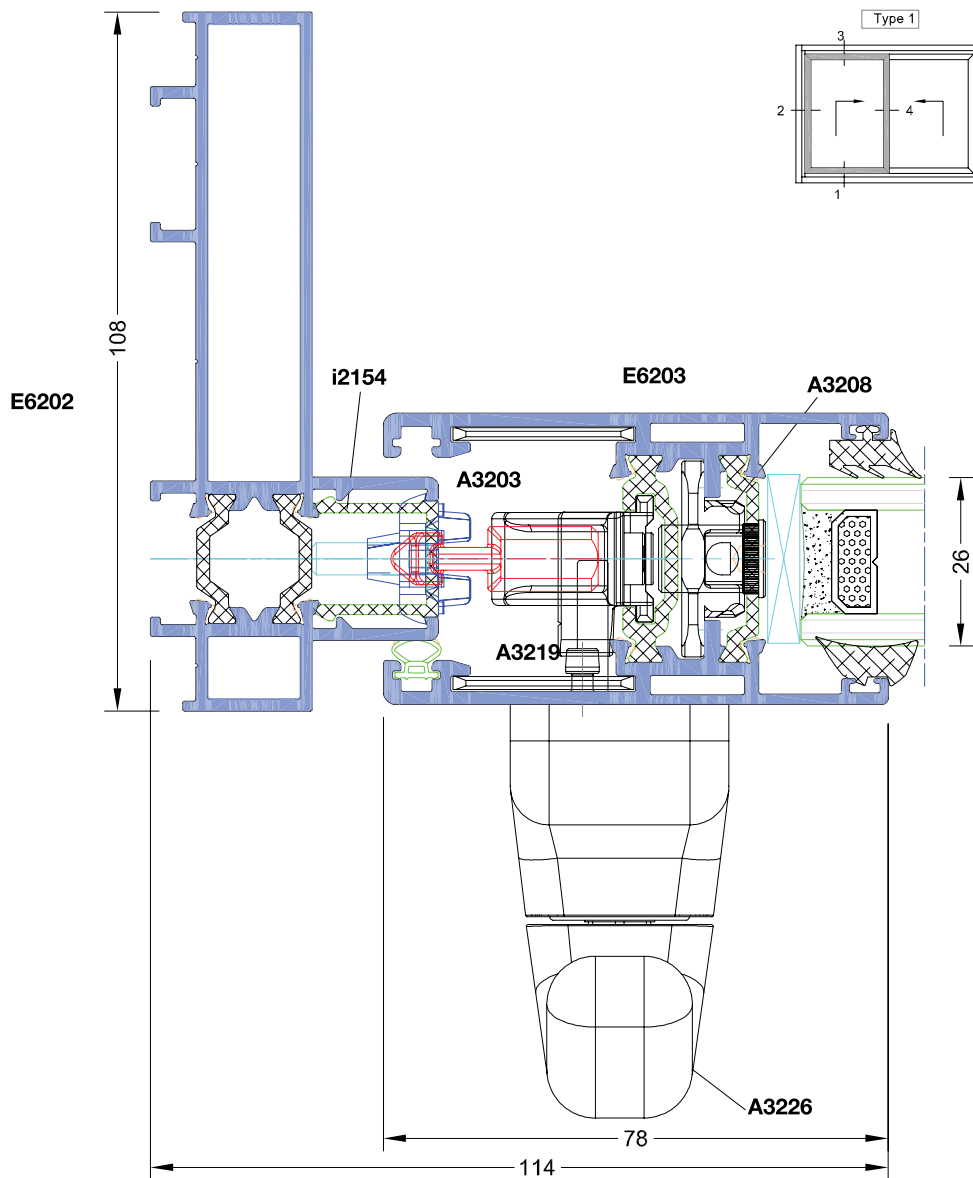
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.

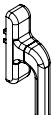
Bottom Section (High Load) Section 1



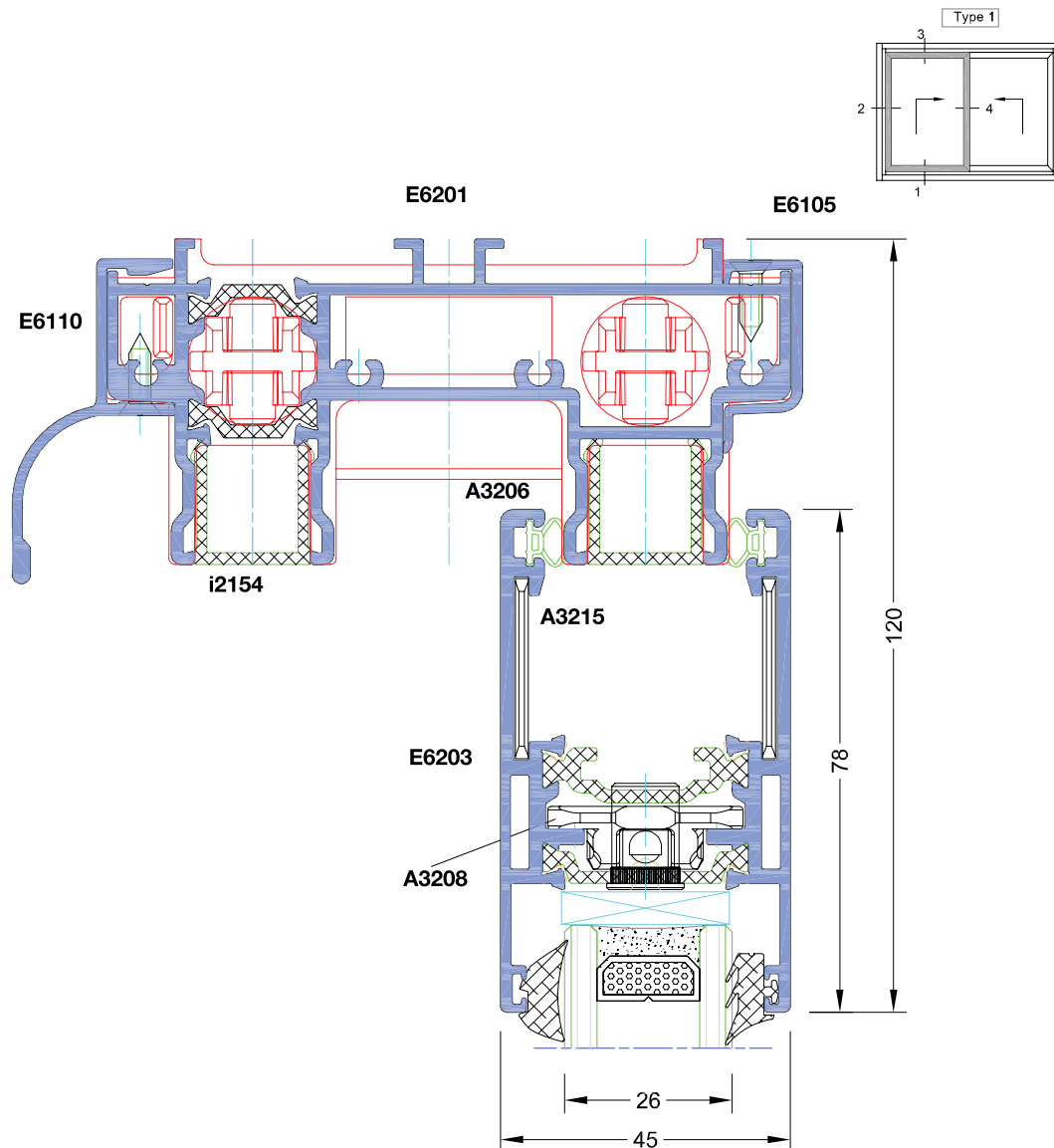
Hardware and Accessories					Profile		
					Description	Code	
					Frame 90° Profile	E6201	
					Sash	E6203	
					Mosquito Netting Track	E6110	
					Decoration Profile	E6105	
Pulley L&S Door (2 wheels)	Kit Central Plugs For L&S		Water Trapping Plug (pair)		Mosquito Profile	E6108	
A3214	A3206		G2204		Guide	i2155	
	Alignment Corner Joint		Connection Rod		Corner Joint	Seal Gasket	G2201
	A3215		A3210		A3208	Hollow Glass	6+14A+6mm
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.							

Horizontal Section (High Load) Section 2



Hardware and Accessories						Profile		
						Description	Code	
						Frame Upright	E6202	
						Sash Profile	E6203	
						Guide	i2154	
Handle	Internal Device	Lock	L&s Flat Handle	Handle	Cremone Driving Rod	Glazing Gasket	G2205	
A3230	A3202	A3222	A3220	A3226	A3219	Glazing Gasket	G2206	
	Corner Joint		Closing Kit For Open Frame			Corner Joint	Seal Gasket	G2201
	02923N					A3215	Hollow Glass	
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.								

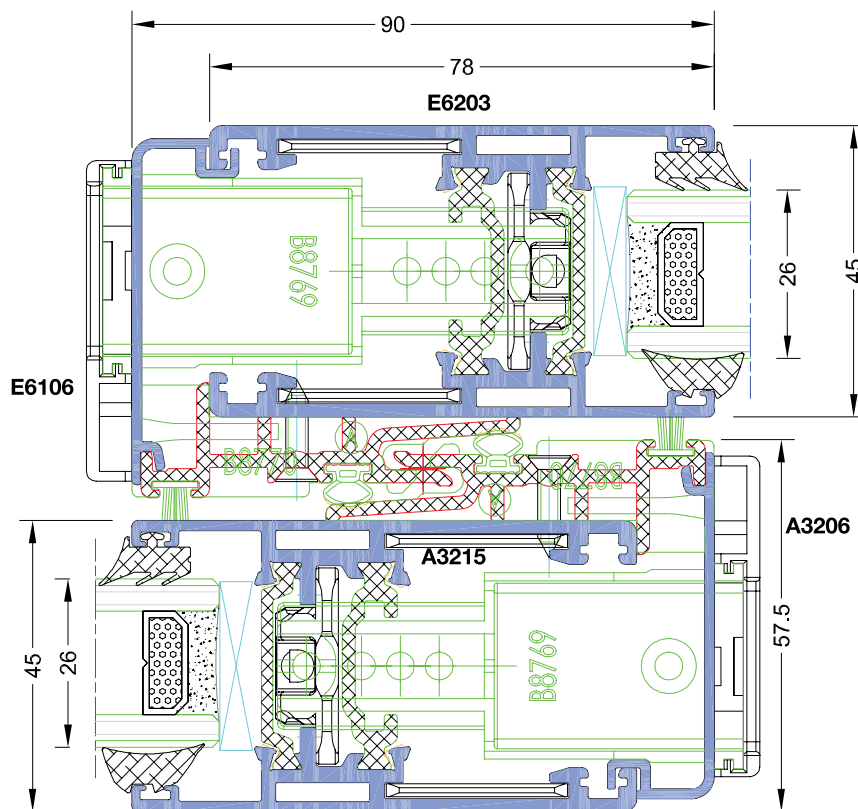
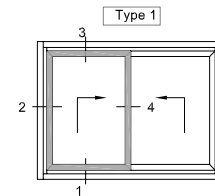
Upper Section (High Load) Section 3

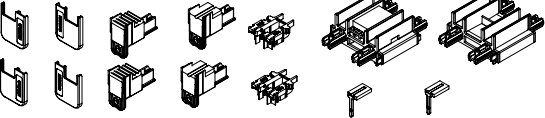
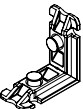


Hardware and Accessories				Profile	
				Description	Code
				FRAME 90° Profile	E6201
				Sash	E6203
				Mosquito Netting Track	E6110
				Decoration Profile	E6105
				Decoration Profile PVC	i2154
Shock Absorber no-lift Caps(L&S)	Kit Central Plugs For L&S	Corner Joint	Water Trapping Plug (pair)	Glazing Gasket	G2205 & G2206
A3205	A3206	A3208	G2204	Seal Gasket	G2201
				Hollow Glass	6+14A+6mm
Corner Joint	A3210	Connection Rod			
A3215					

Hardware is shown for L&S, for Slide configuration please select brush and related hardware.

Horizontal Overlap Section (High Load) Section 4



Hardware and Accessories						Profile	
						Description	Code
						Sash	E6203
						Interlock	i2153
						Central Labyrinth	E6106
						Mosquito Profile	E6108
Kit Central Plugs For L&S					Corner Joint	Glazing Gasket	G2205 & G2206
A3206					A3208	Seal Gasket	G2201
	Corner Joint		A3210	Connection Rod		Brush	
	A3215					Hollow Glass	6+14A+6mm
Hardware is shown for L&S, for Slide configuration please select brush and related hardware.							

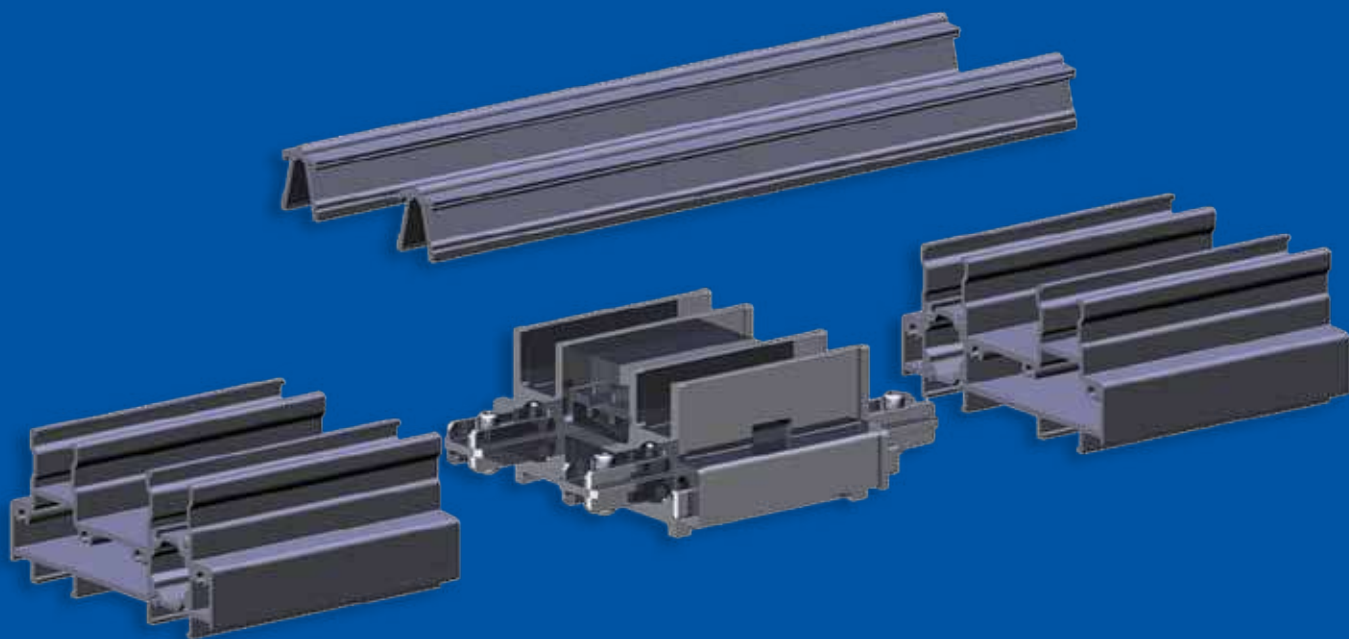




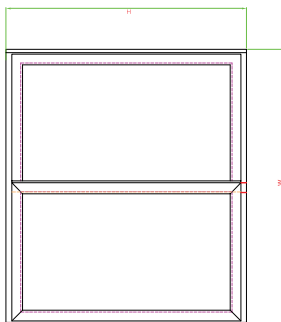
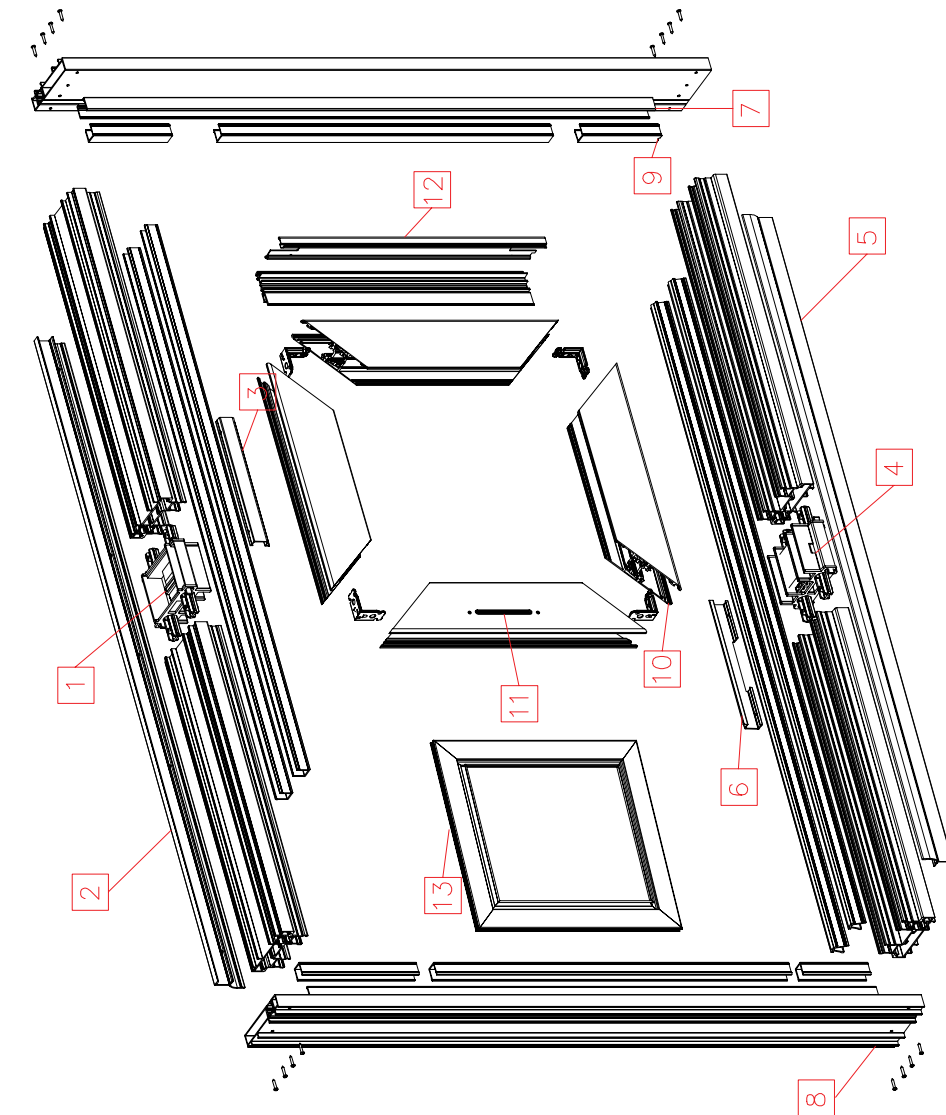
INSTRUCTION

Features

- Profile cutting formulae
- Machining and cutting operations for hardware
- Rod cutting formulae
- Hardware assembly by code
- Illustration with details

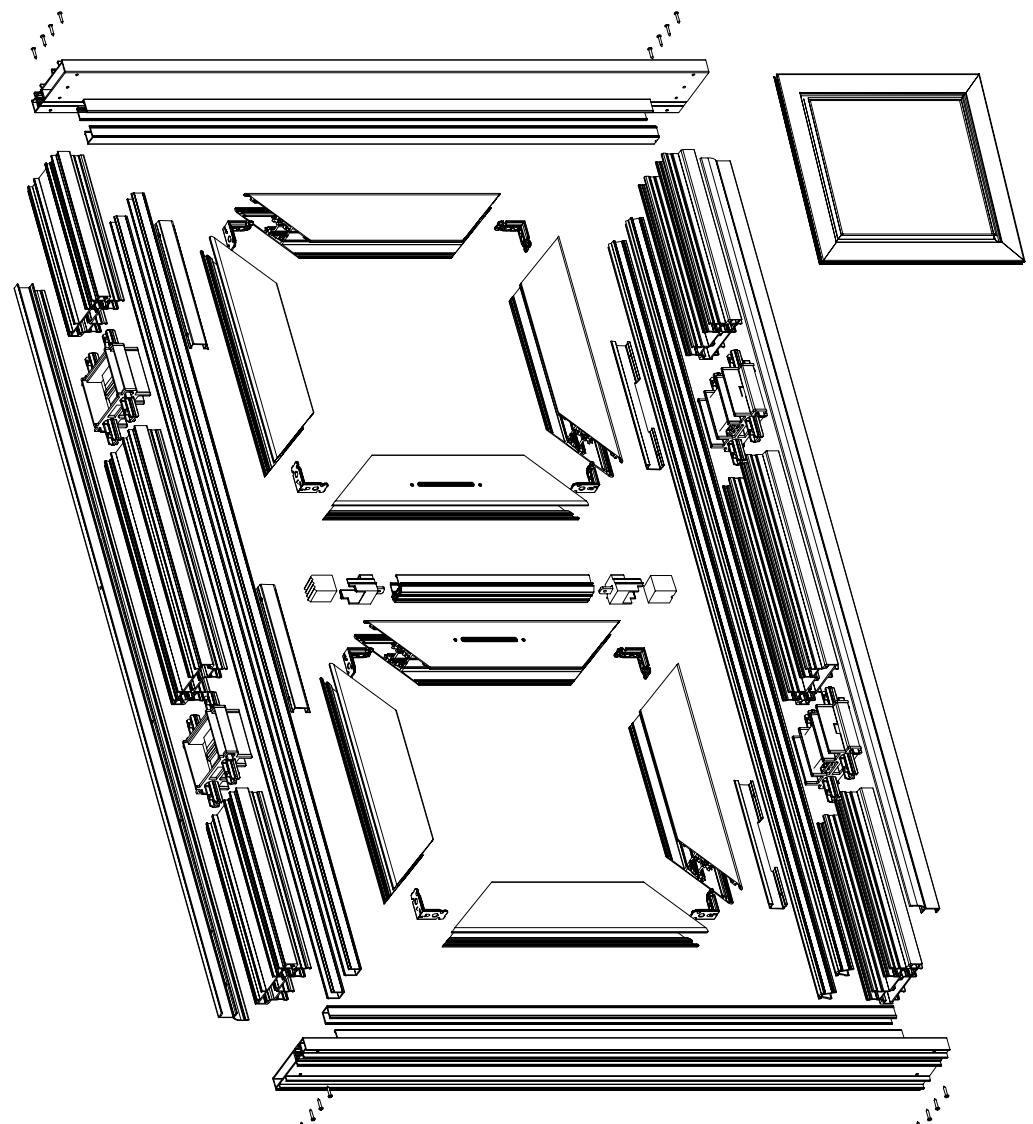
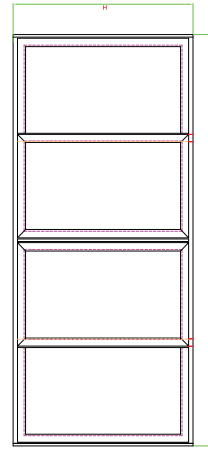


Balexco Luxury System – Profile Cutting List



Section	Calculation	Quantity	Cut Degree
	W/2-63	4	
	H	2	
	H-84	4	
	W/2-3	4	
	H-84	2	
	W/2-3	2	
	H-84	2	
	W-57	3	
	W-57	2	
	W-51	2	
	H-100	2	
	W-51	2	
	H-100 Degree: 100 and Quantity: 2	2	
Glass	W/2-129 H-210	2	-

Balexco Luxury System - Profile Cutting List

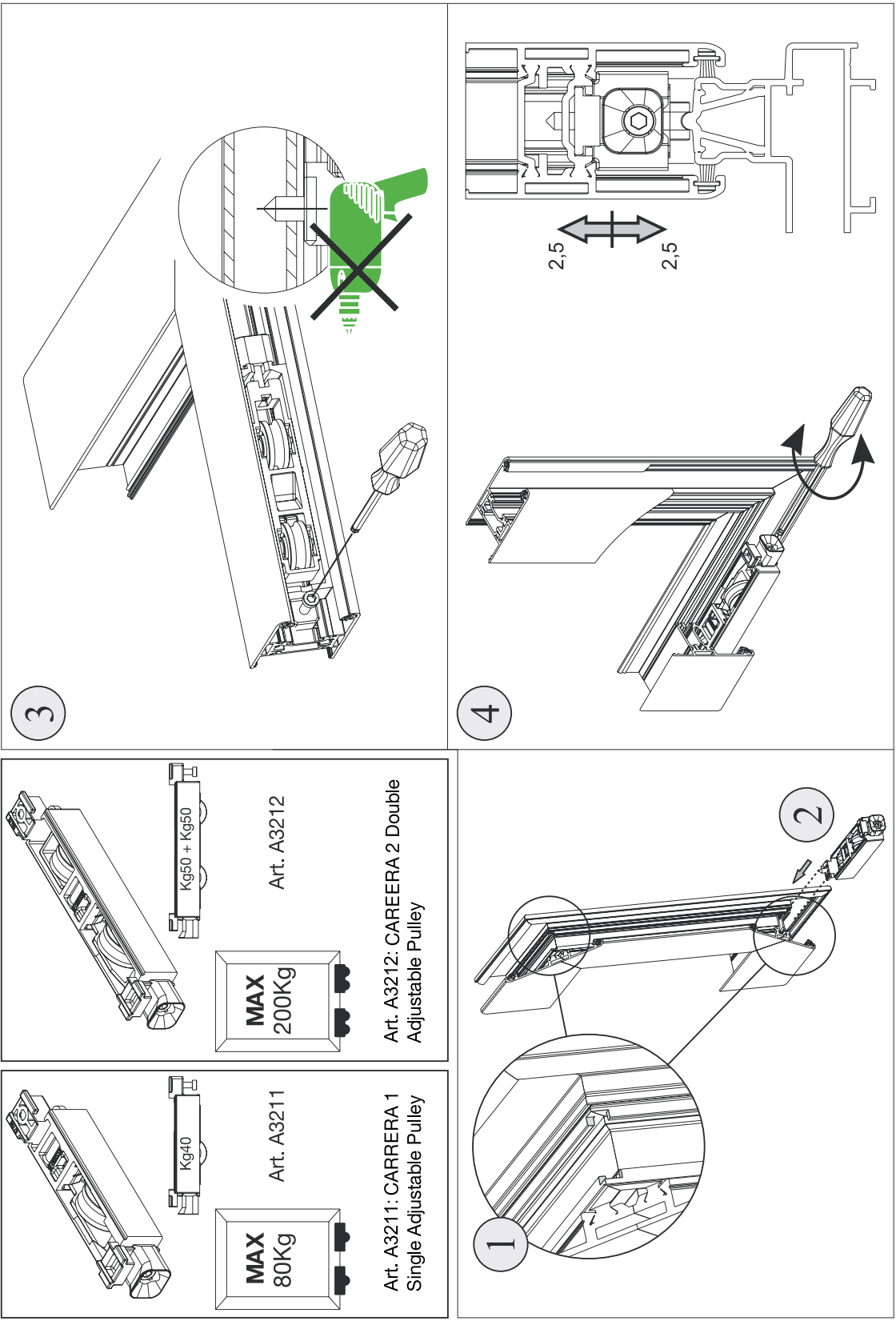
Section	Calculation	Quantity	Cut Degree
	W/4-47.5	4	
	W/2-105	2	
	H	2	
	H-84	8	
	W/4+12.5	8	
	H-84	4	
	W/4+12.5	4	
	H-84	4	
	W-57	2	
	W-51	2	
	H-168	1	
	W-51	2	
	H-100	4	
	W-51	2	
	H-100	-	
	H-168	1	
Glass	W/4-117.5 H-210	4	-

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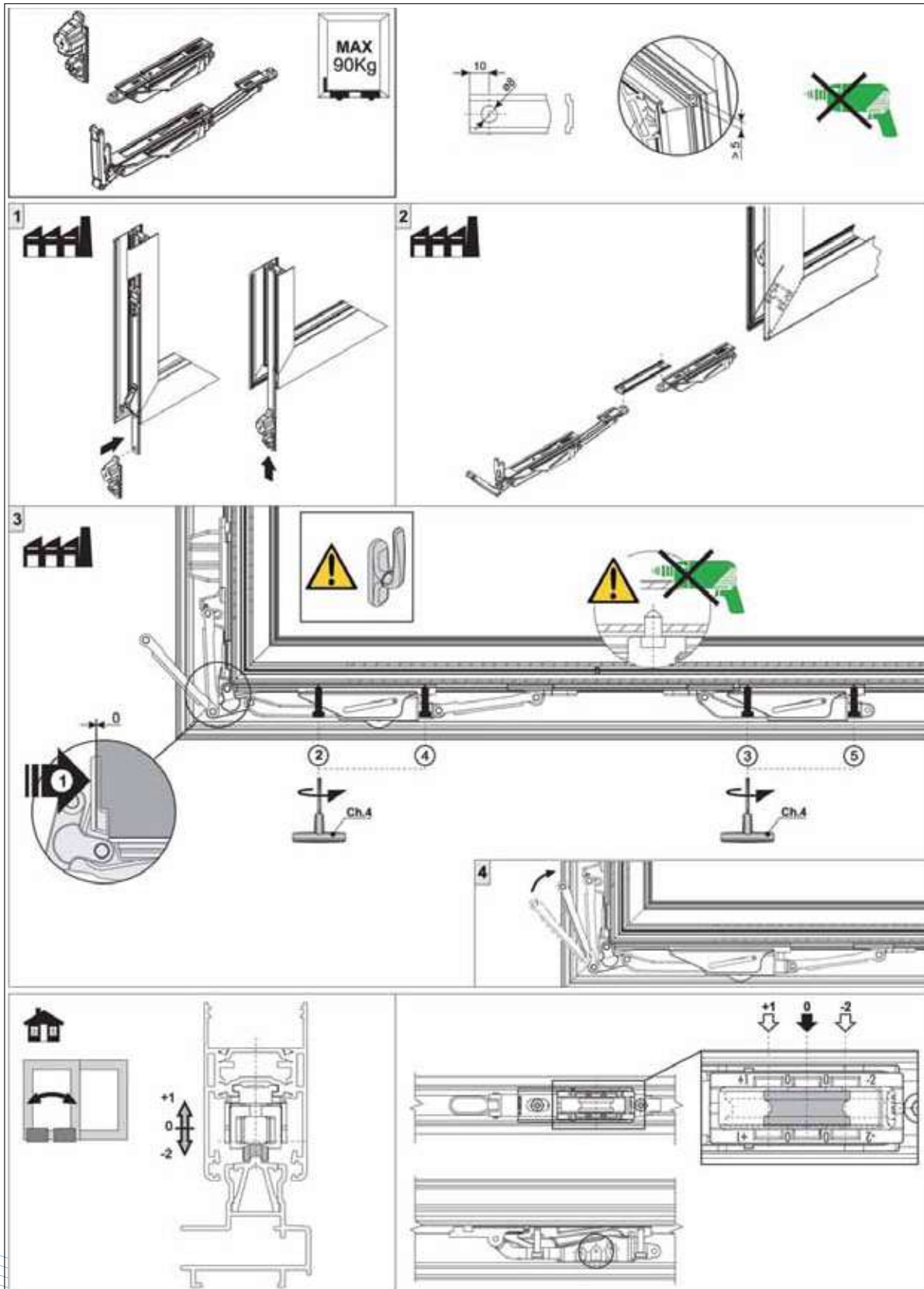
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Art. A3211-A3212

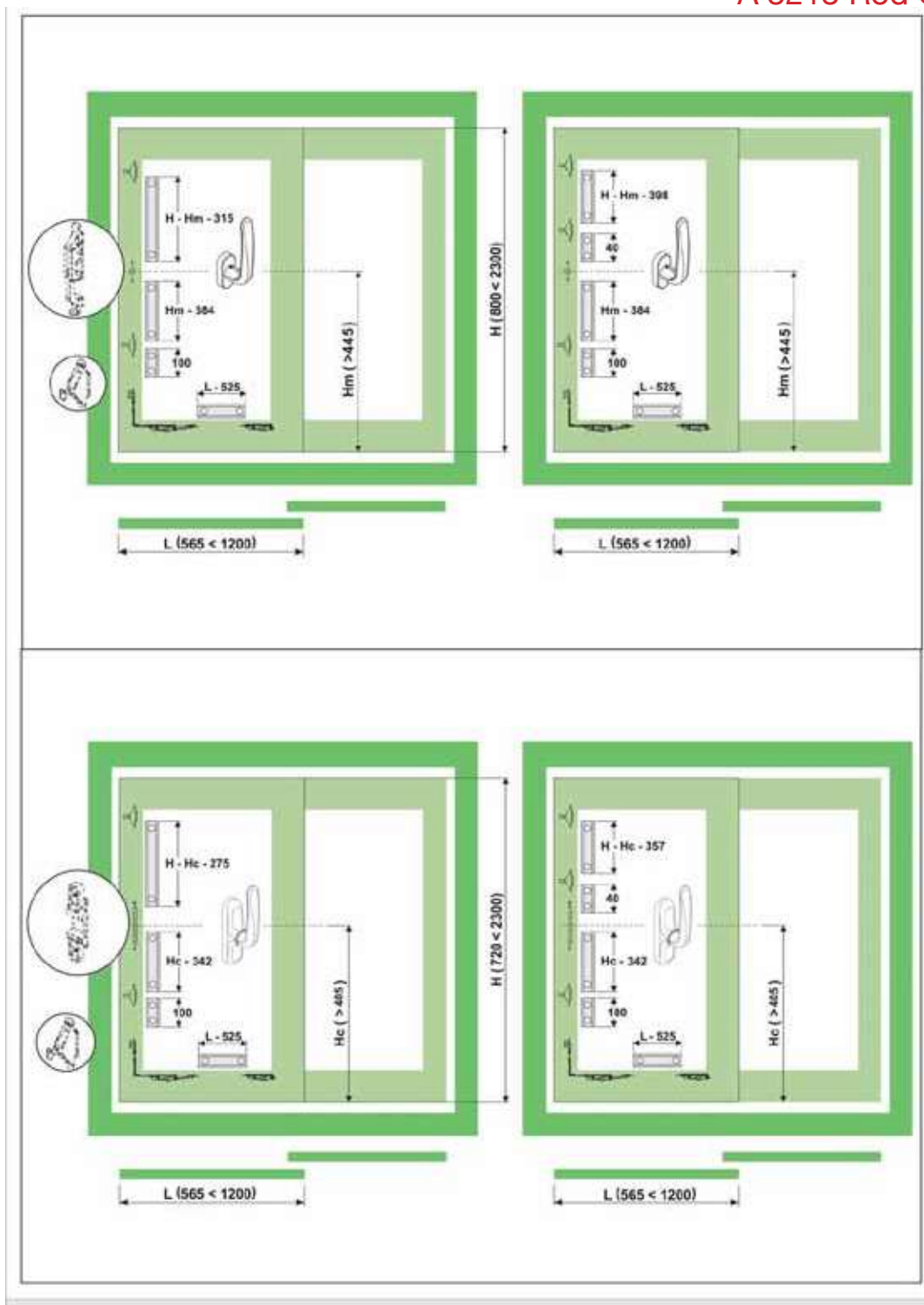
INSTRUCTION



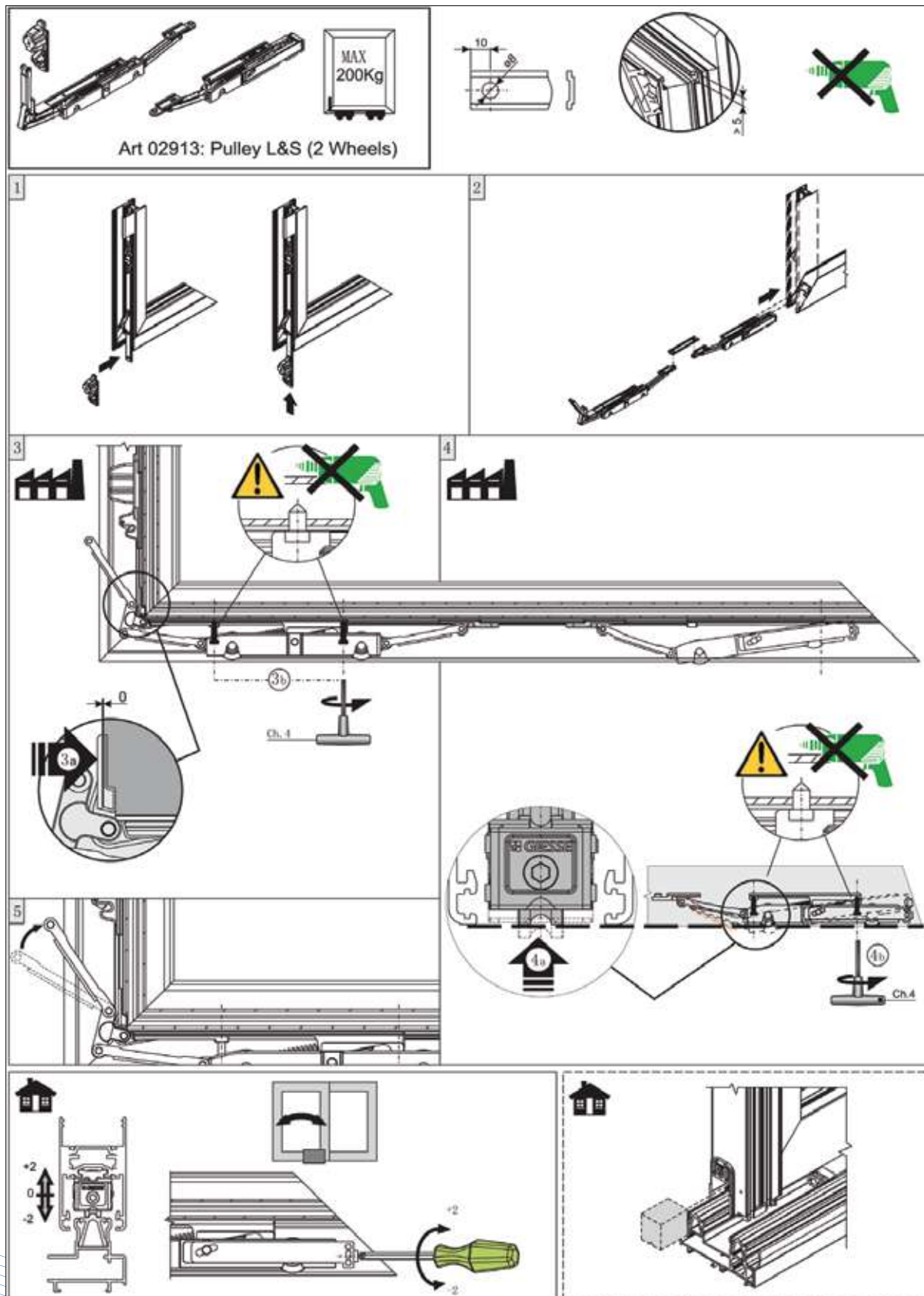
A 3213



A 3213 Rod Cut

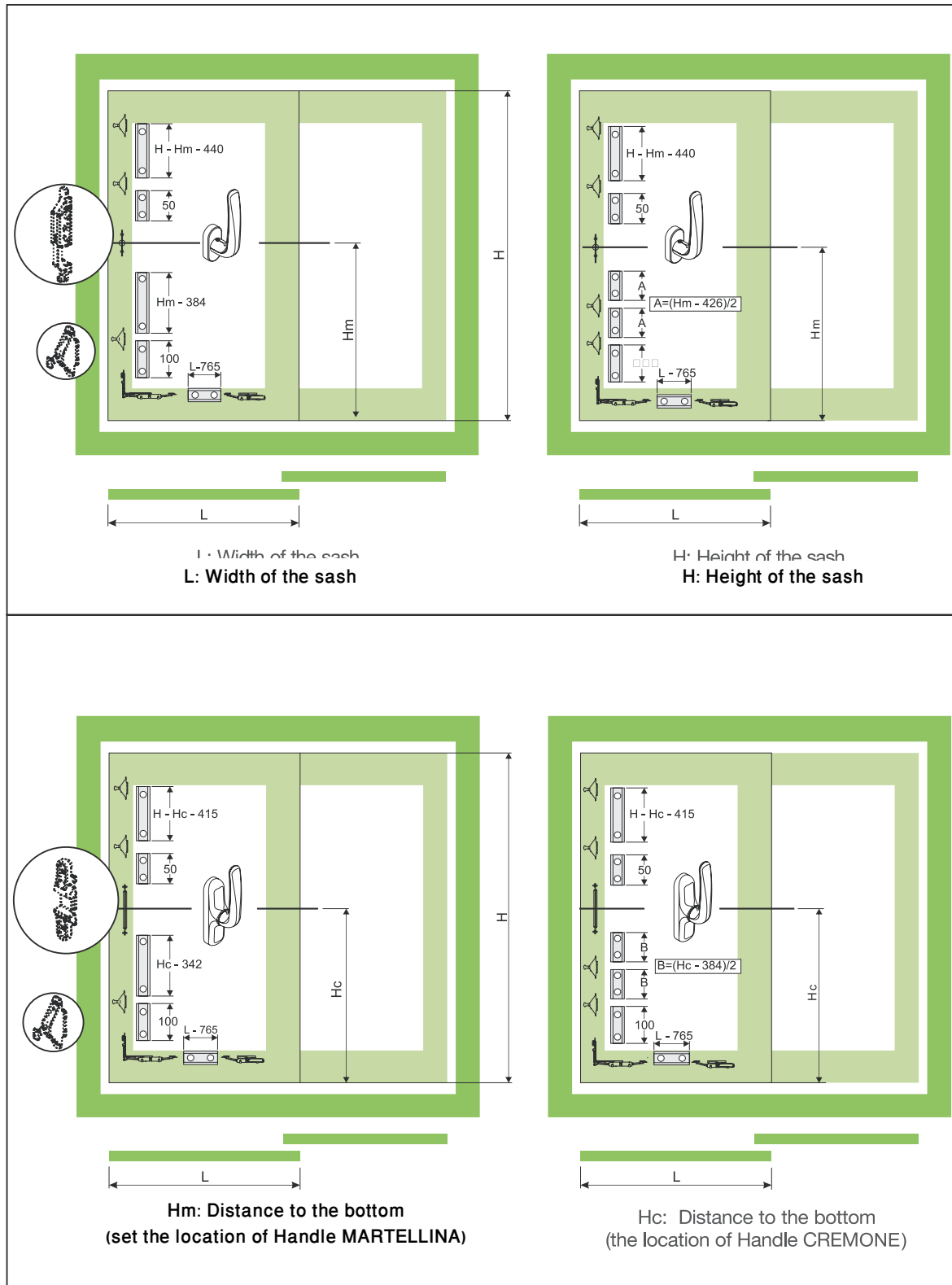


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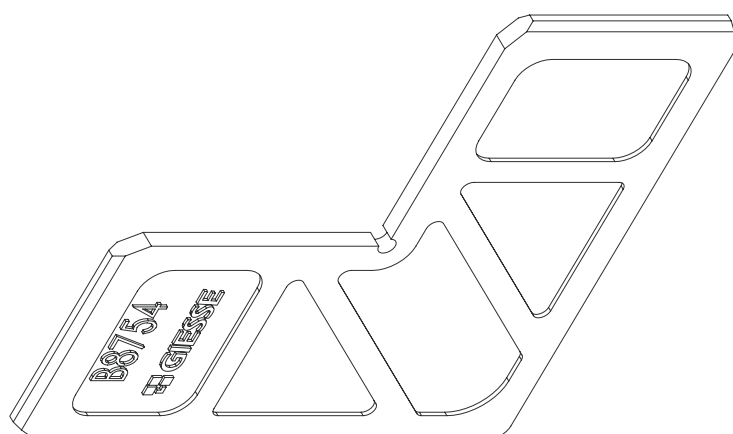
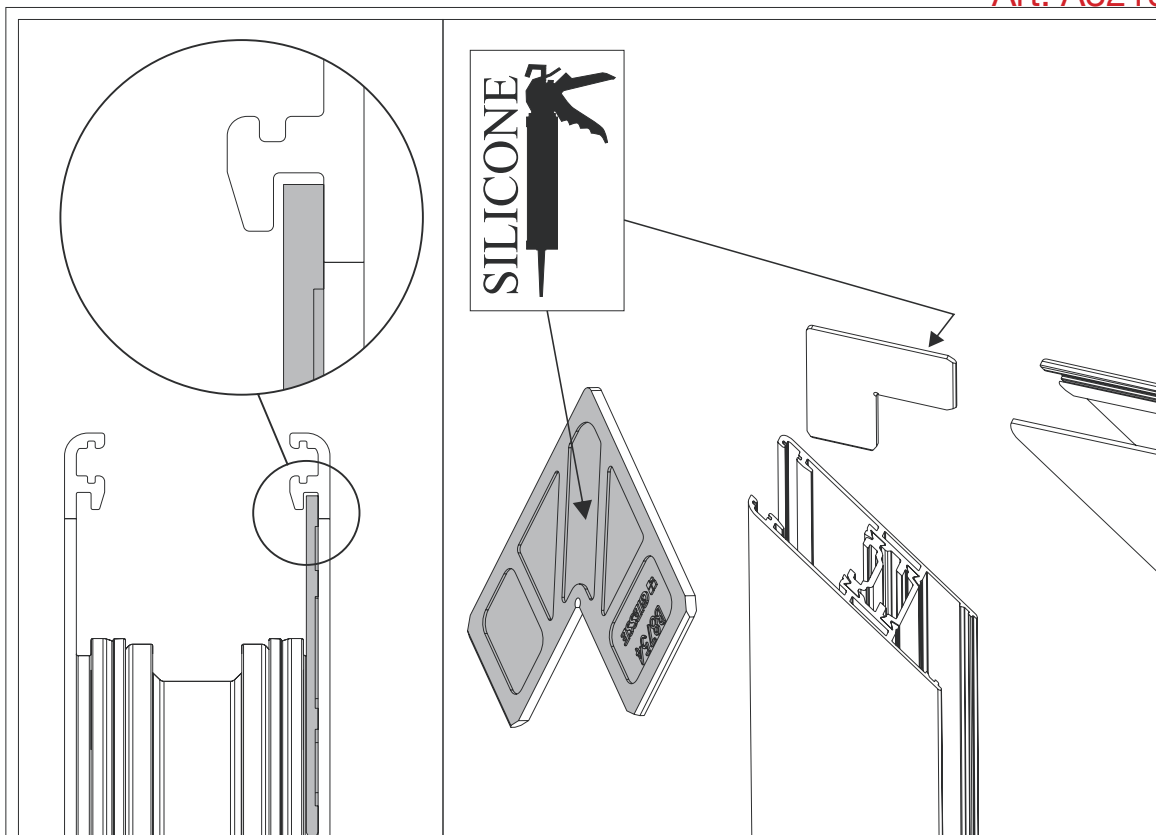


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A 3214

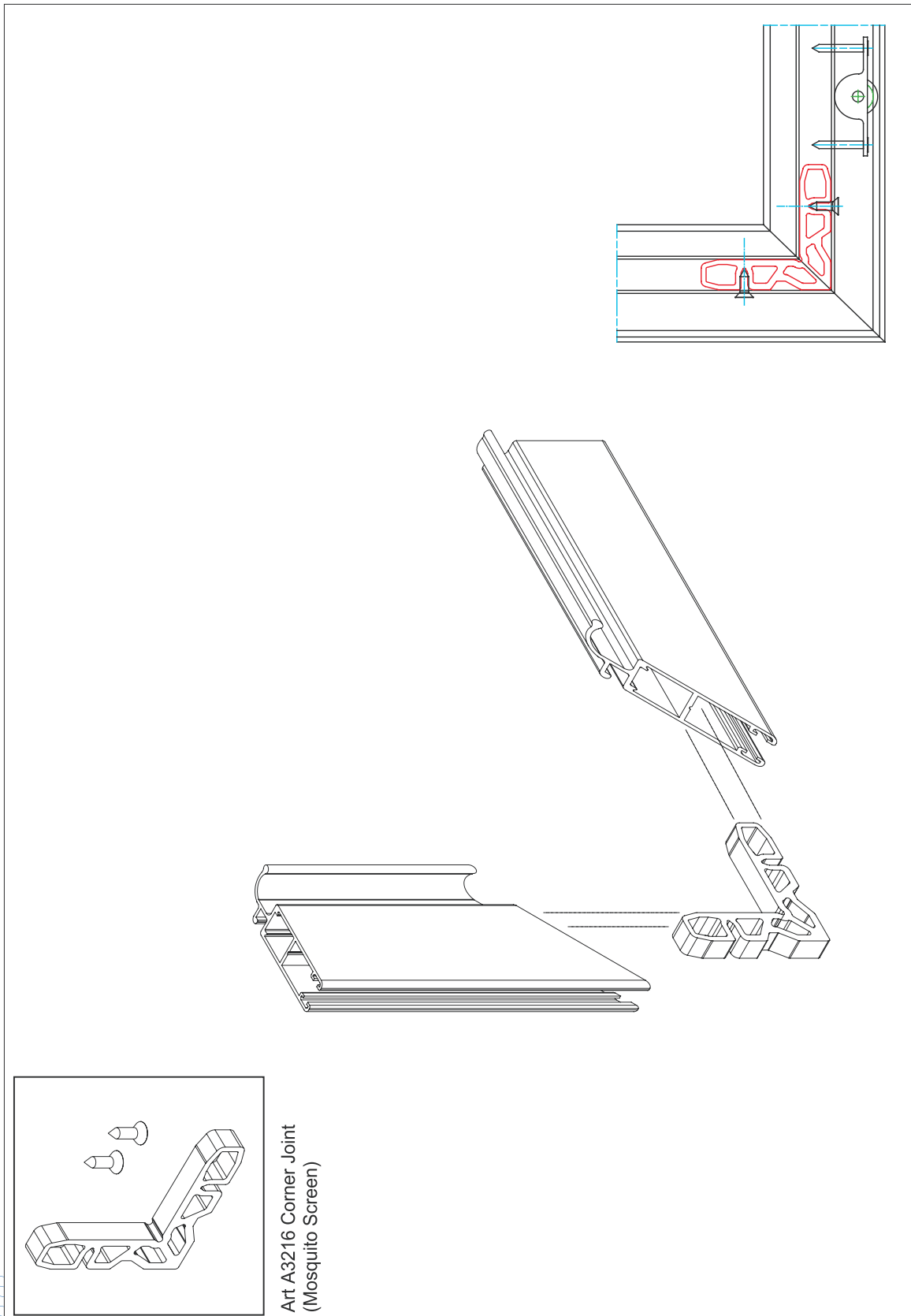


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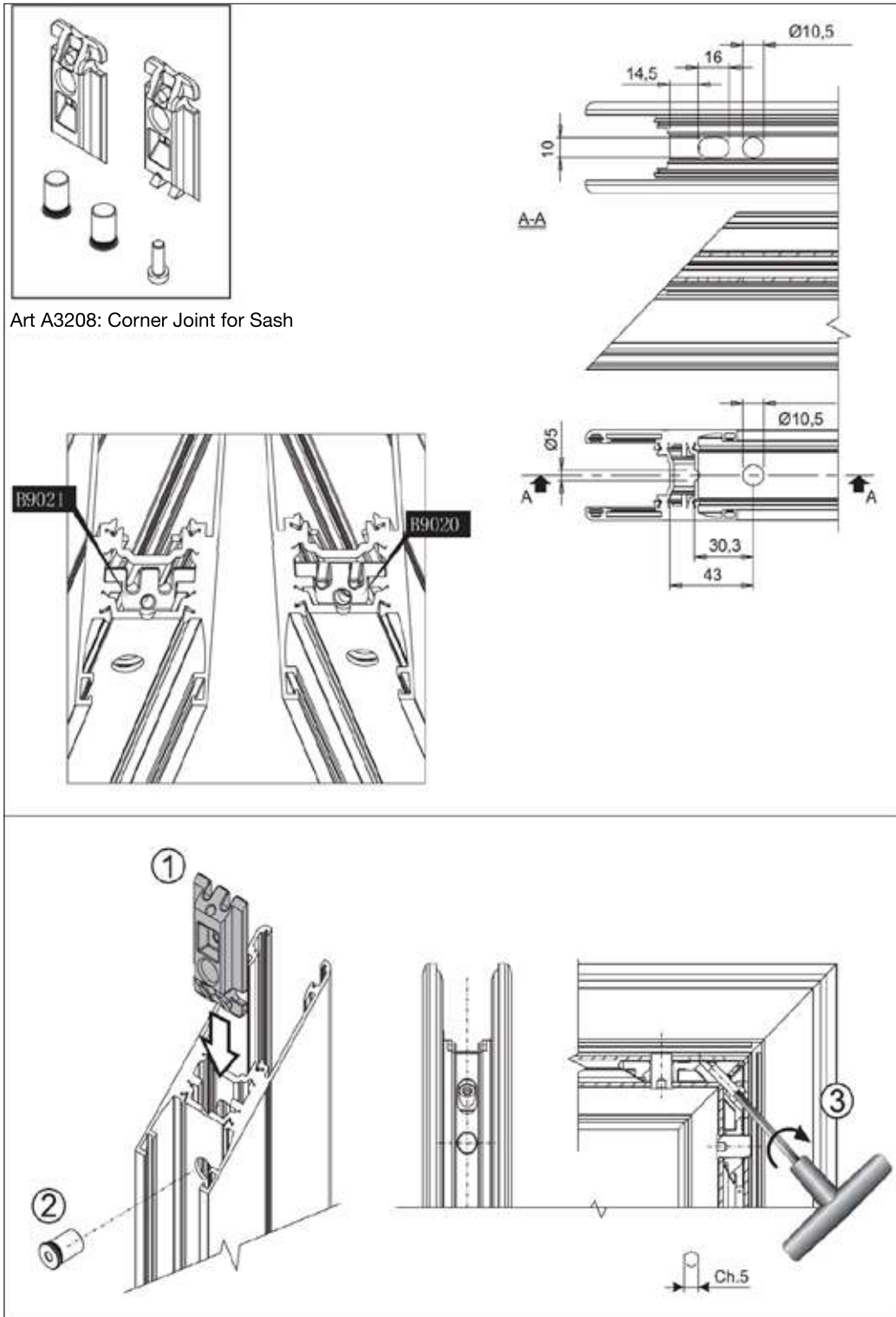


Art. A3215 Profile Alignment Corner Joint

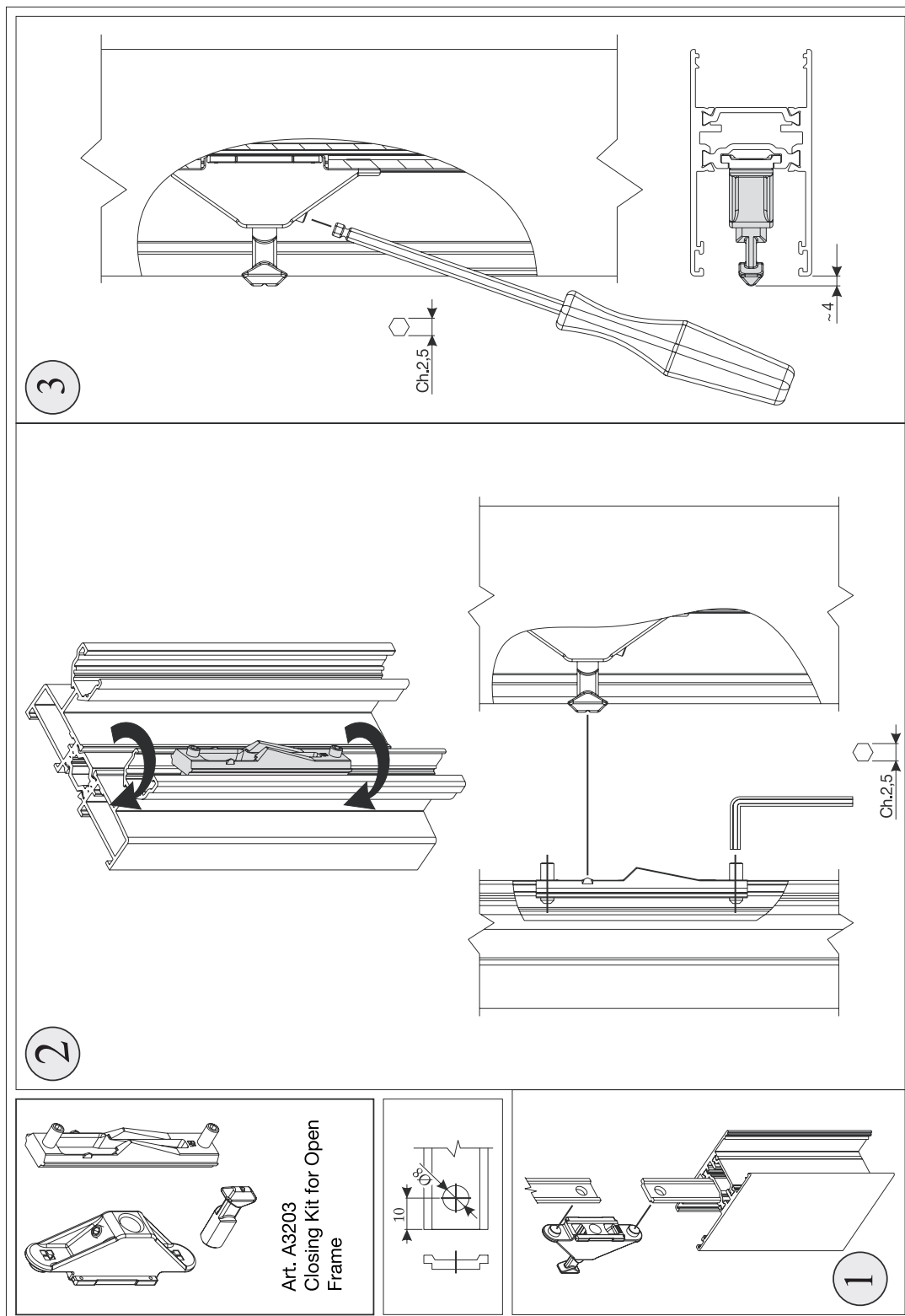
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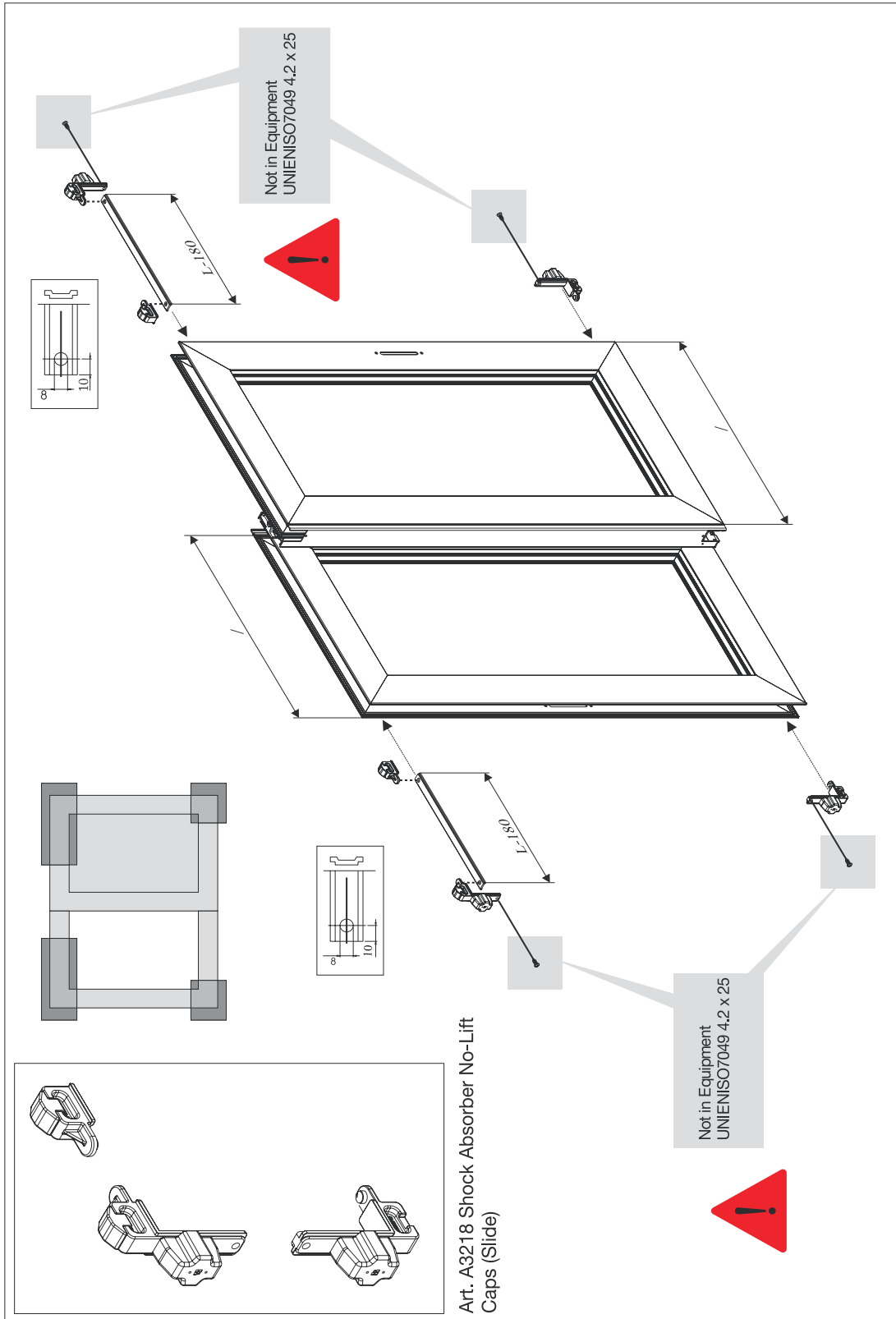
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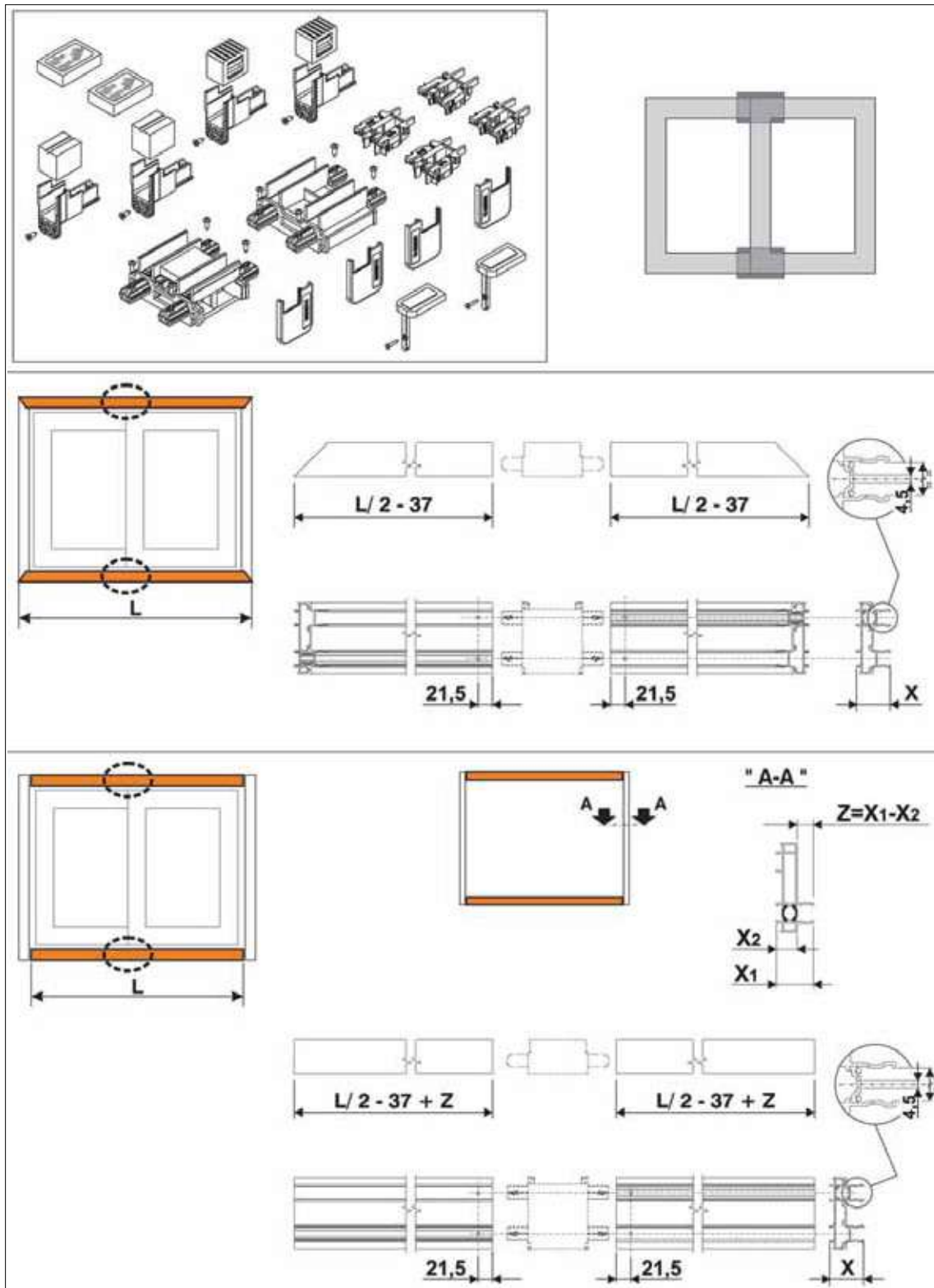
Art. A 3203



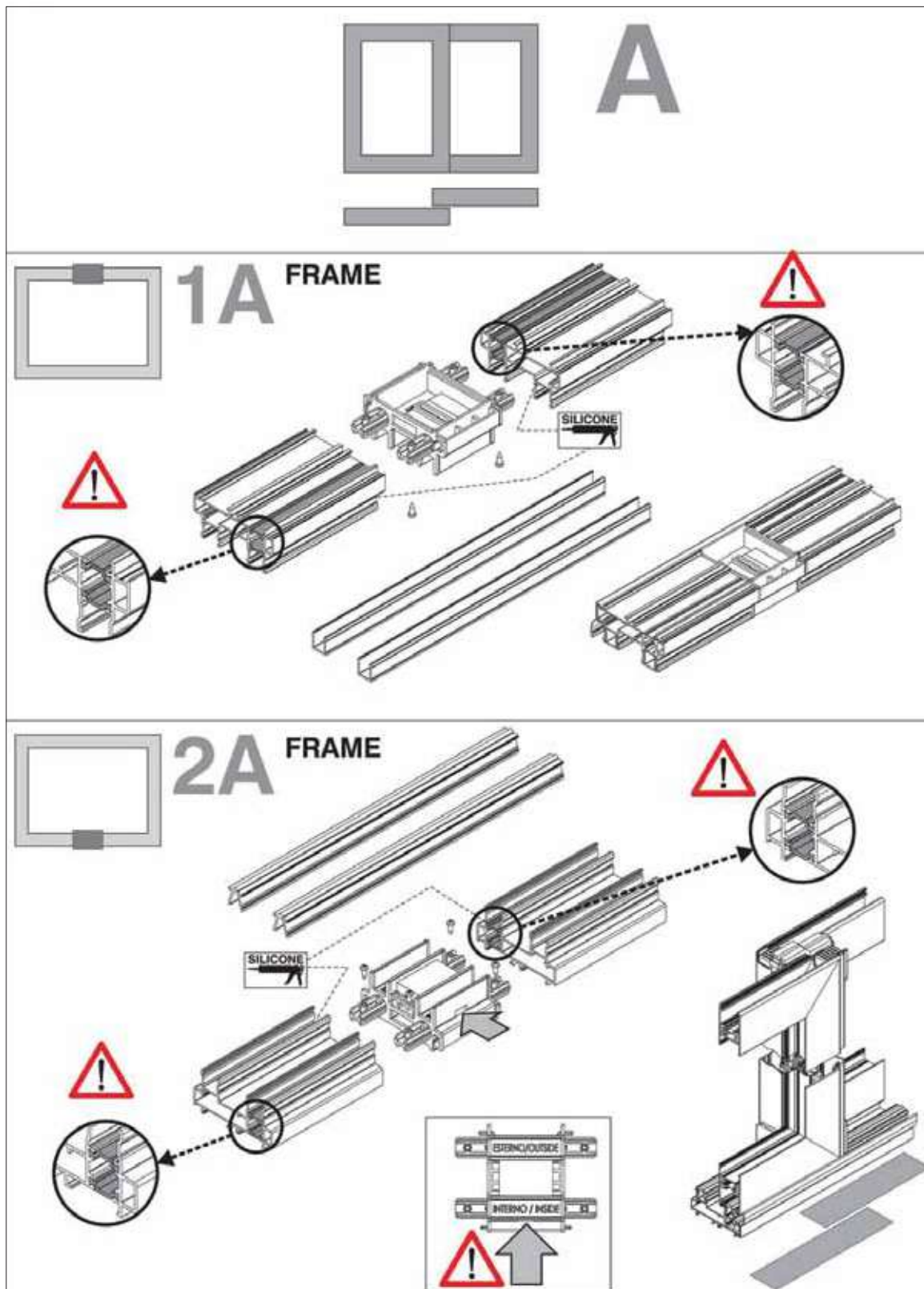
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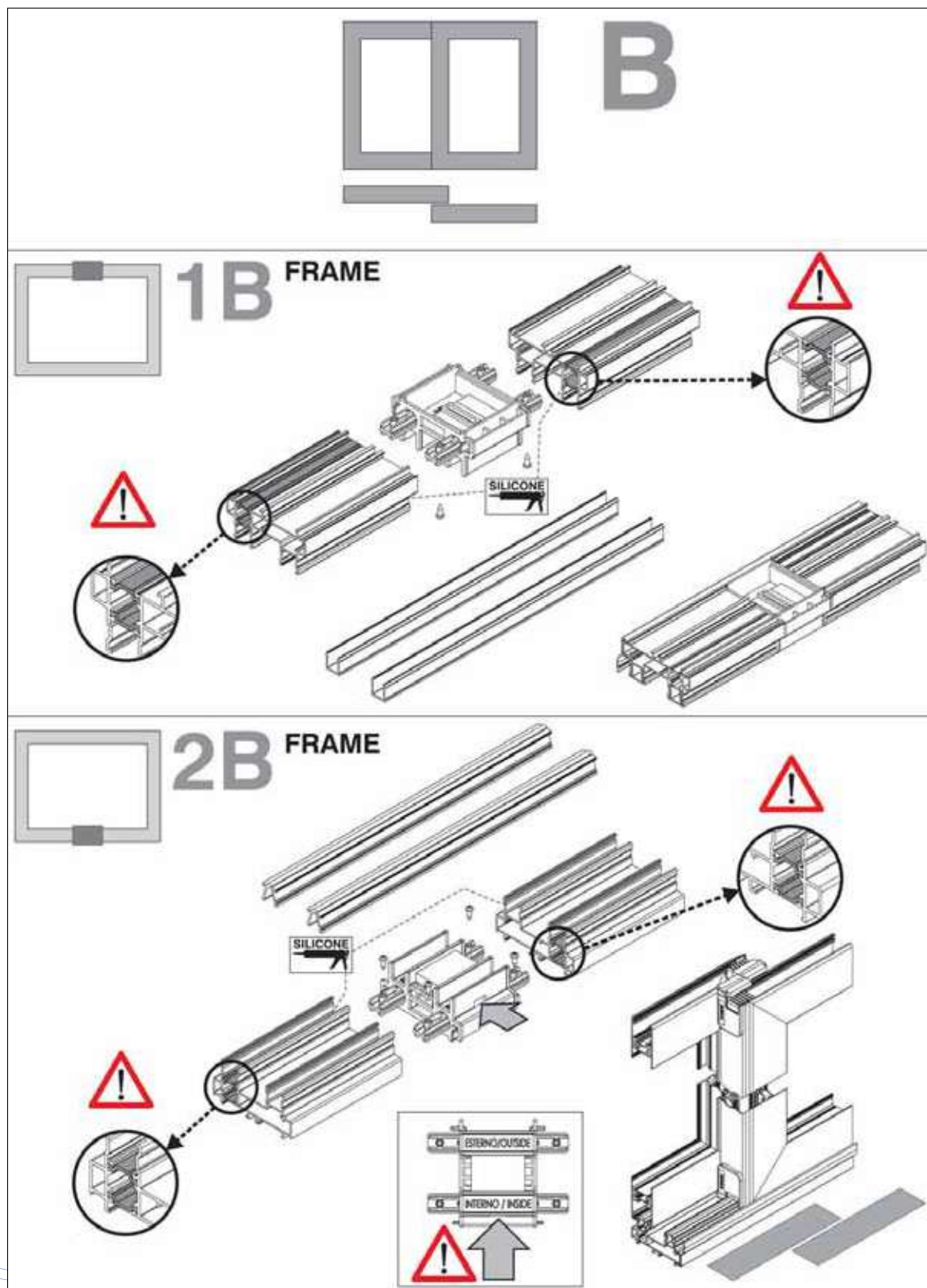
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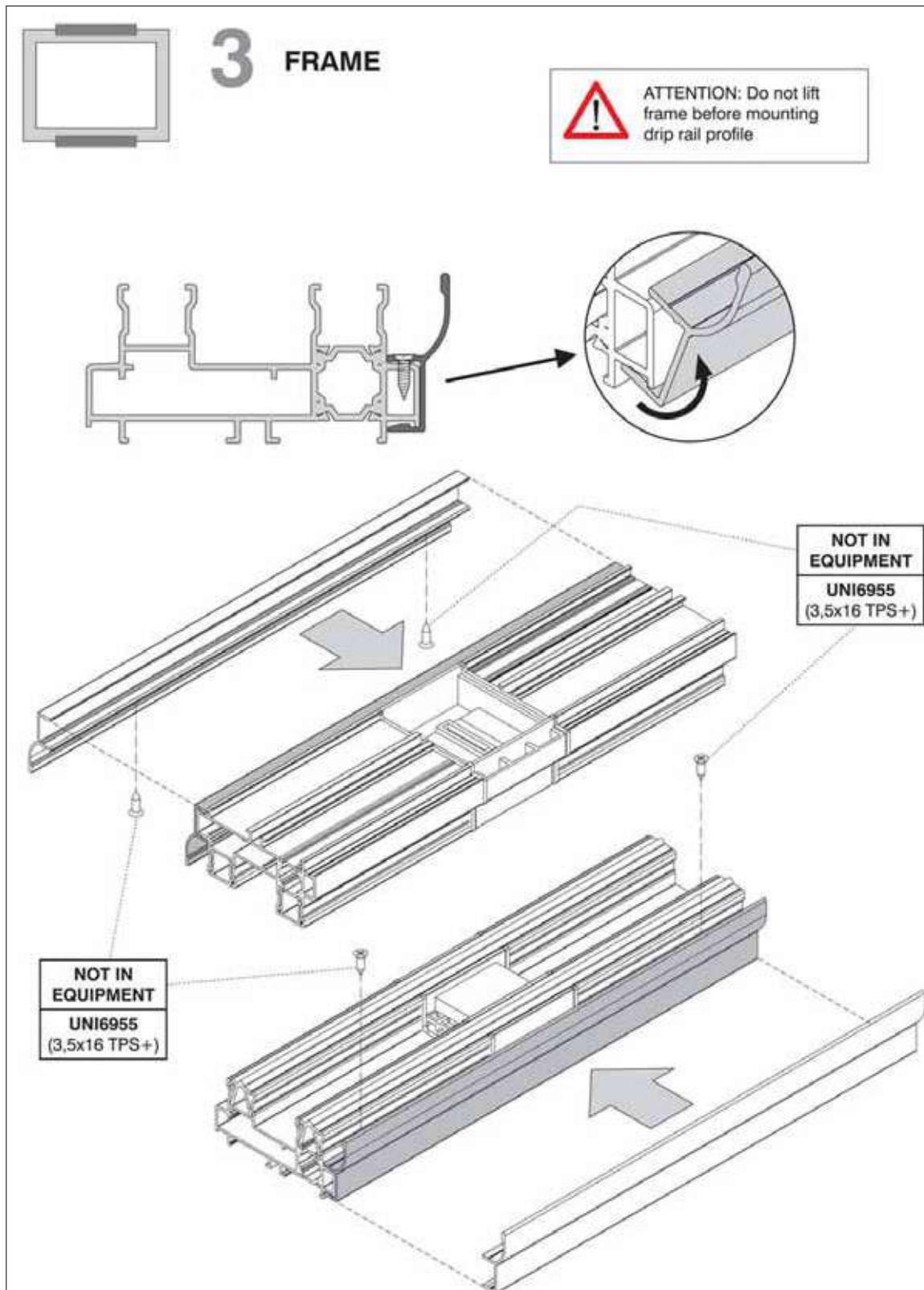
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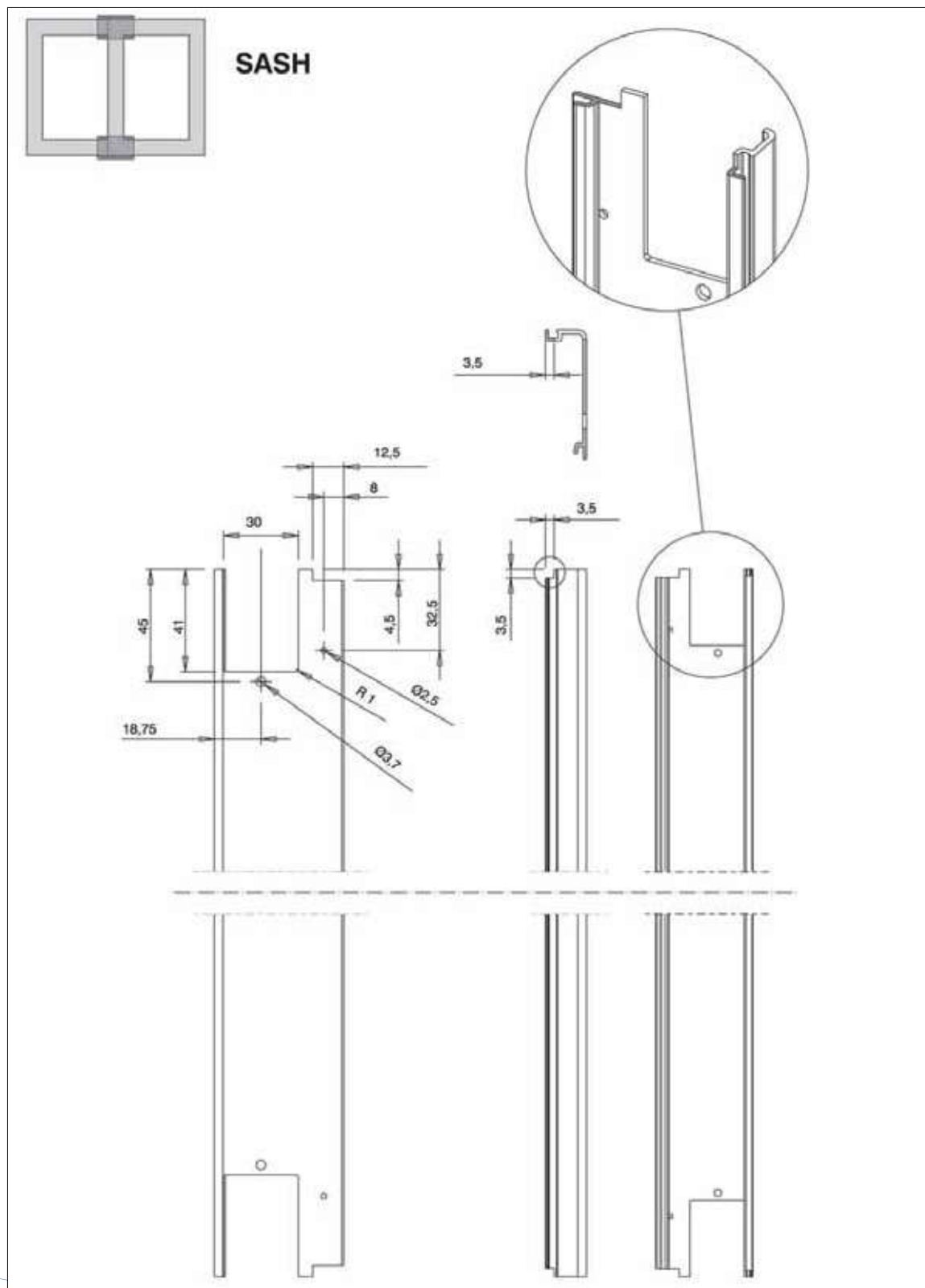
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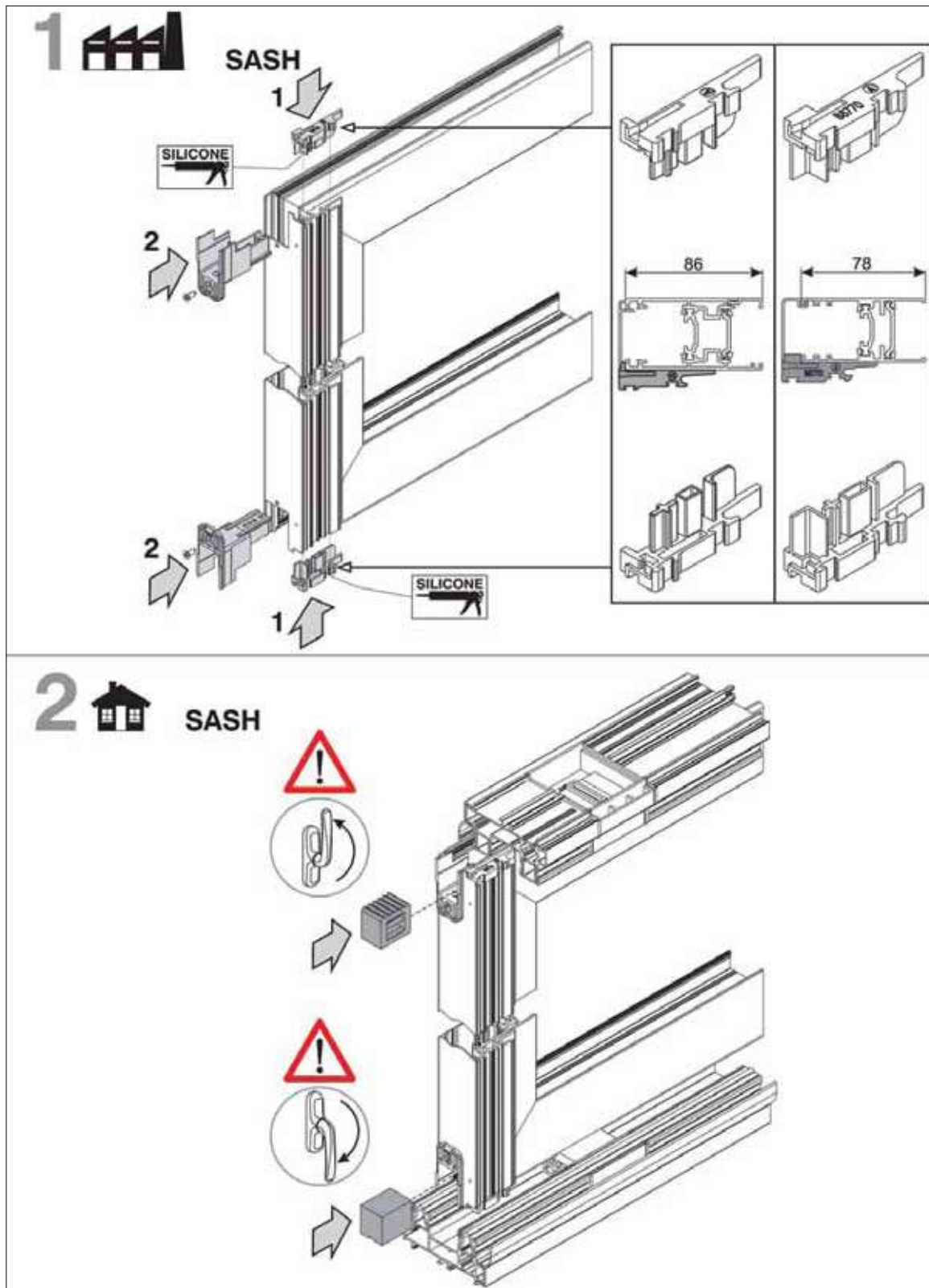
Art. A3206



Art. A 3206

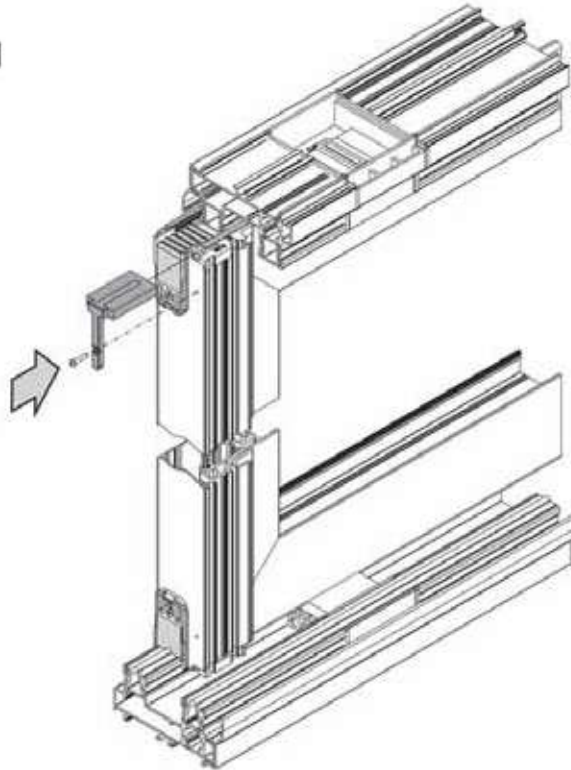


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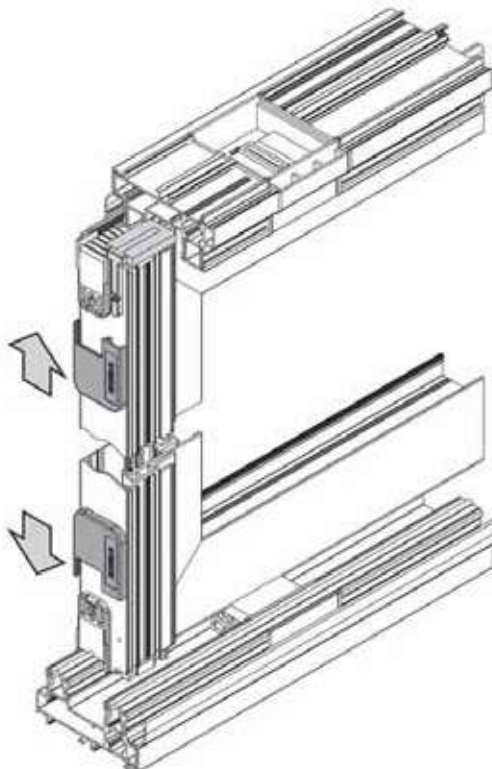


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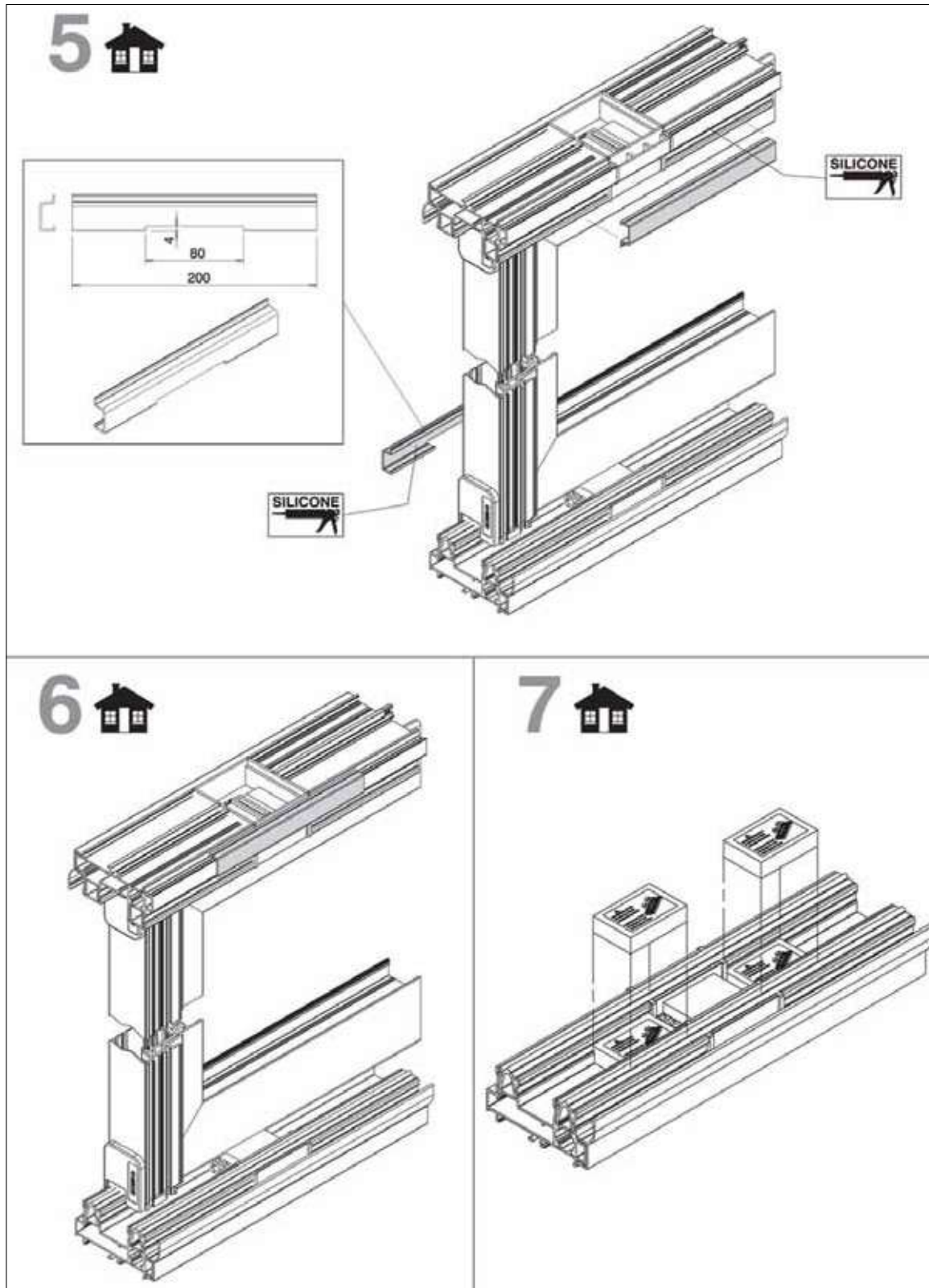
3 SASH



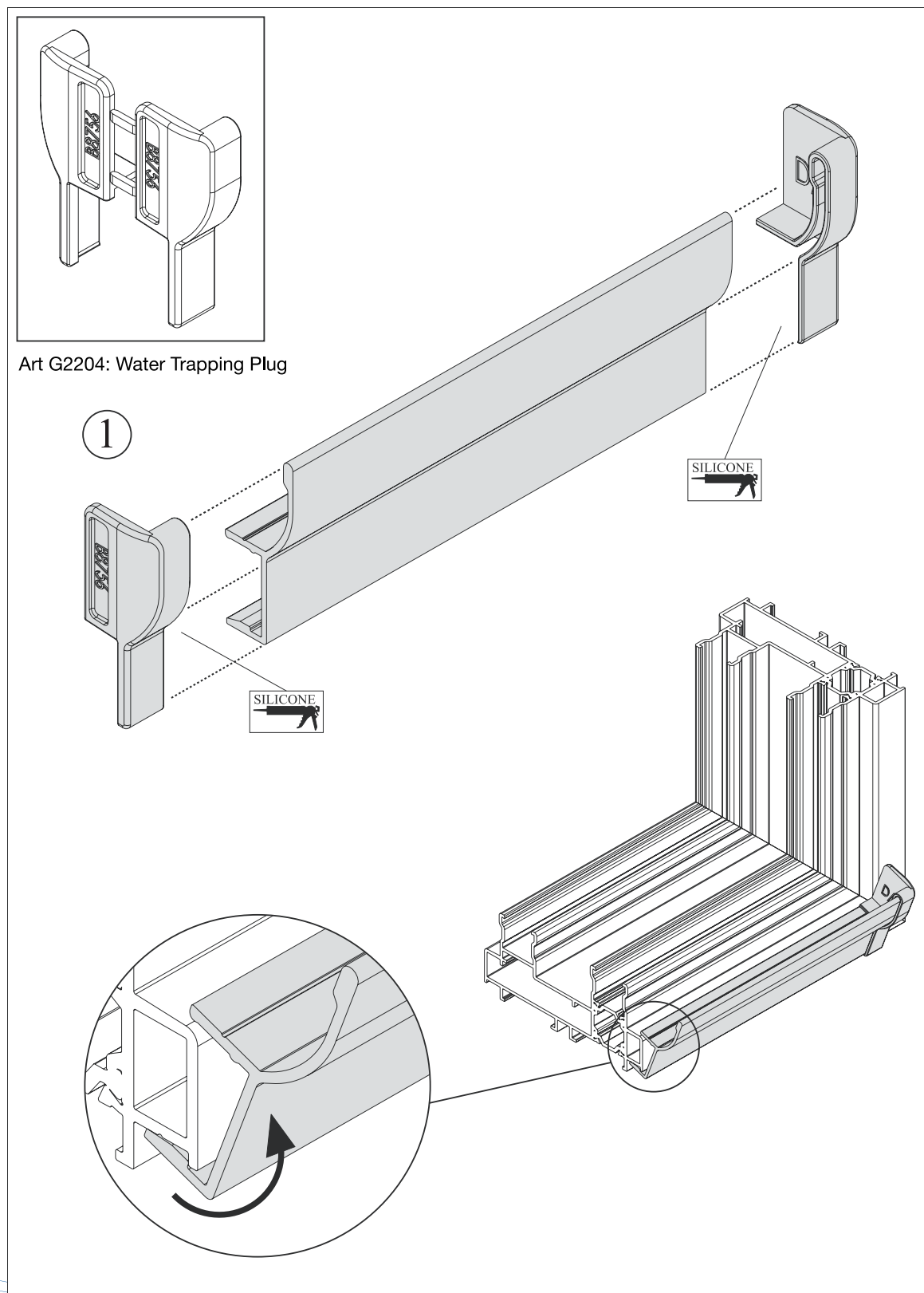
4 SASH



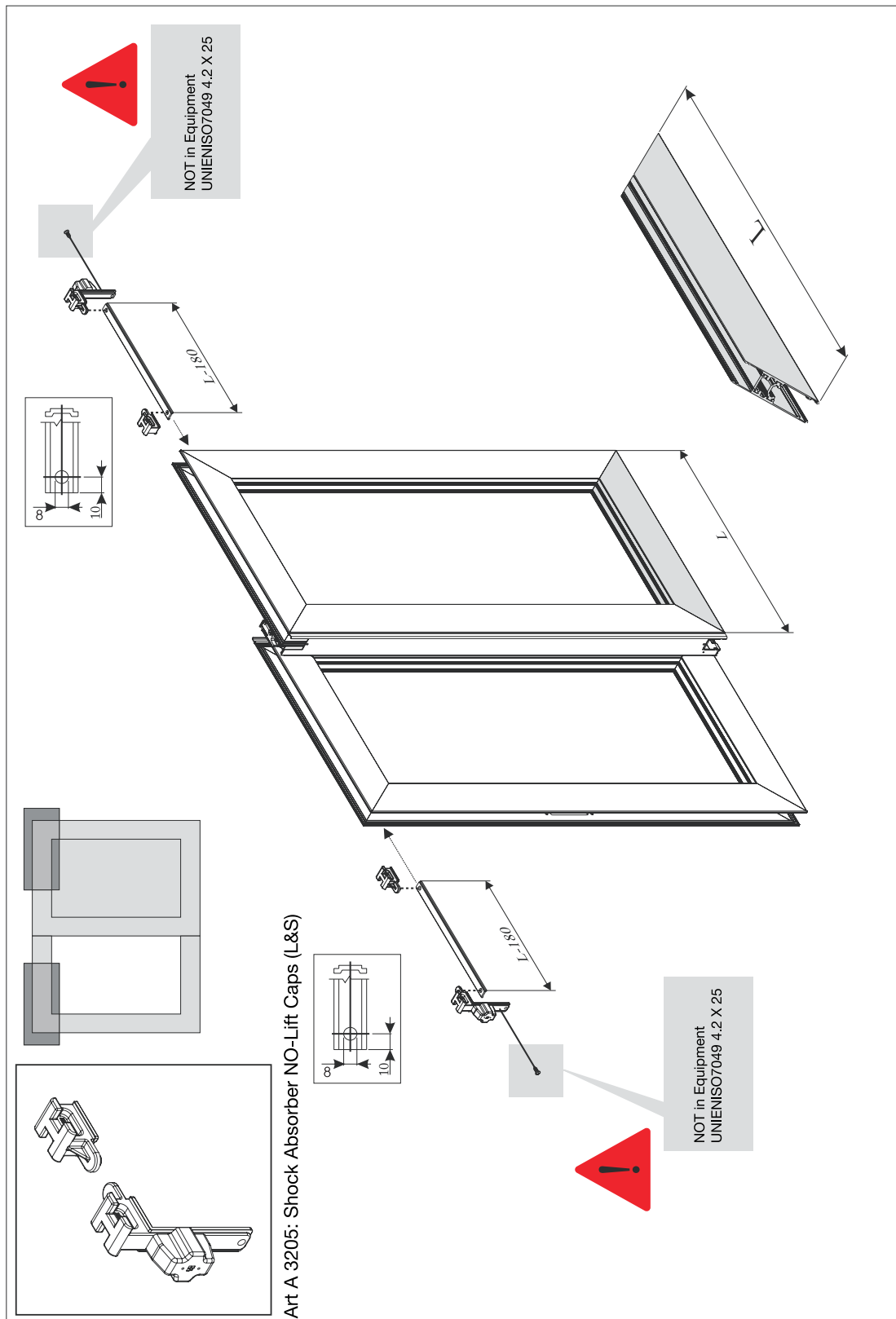
Art. A3206



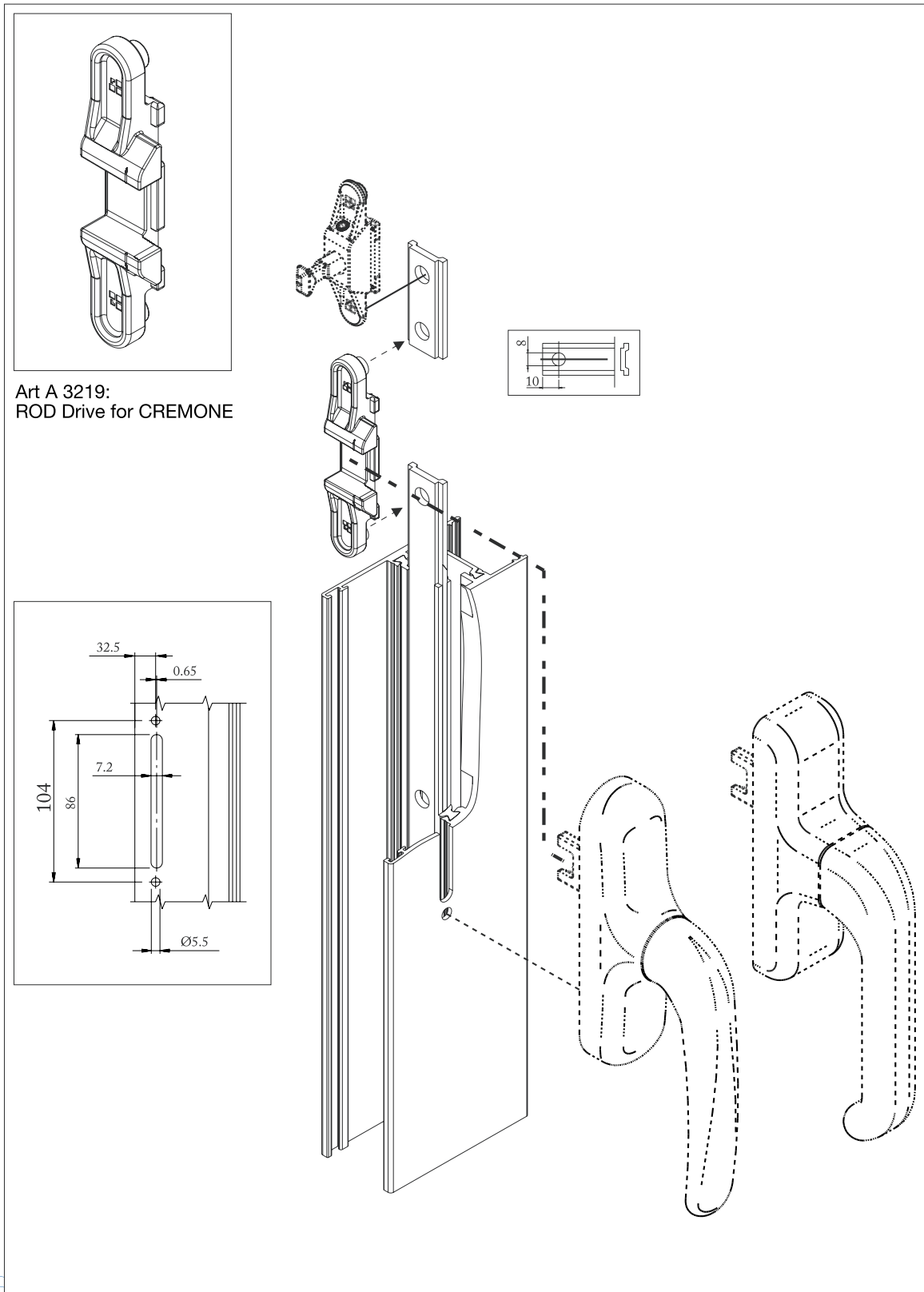
G2204



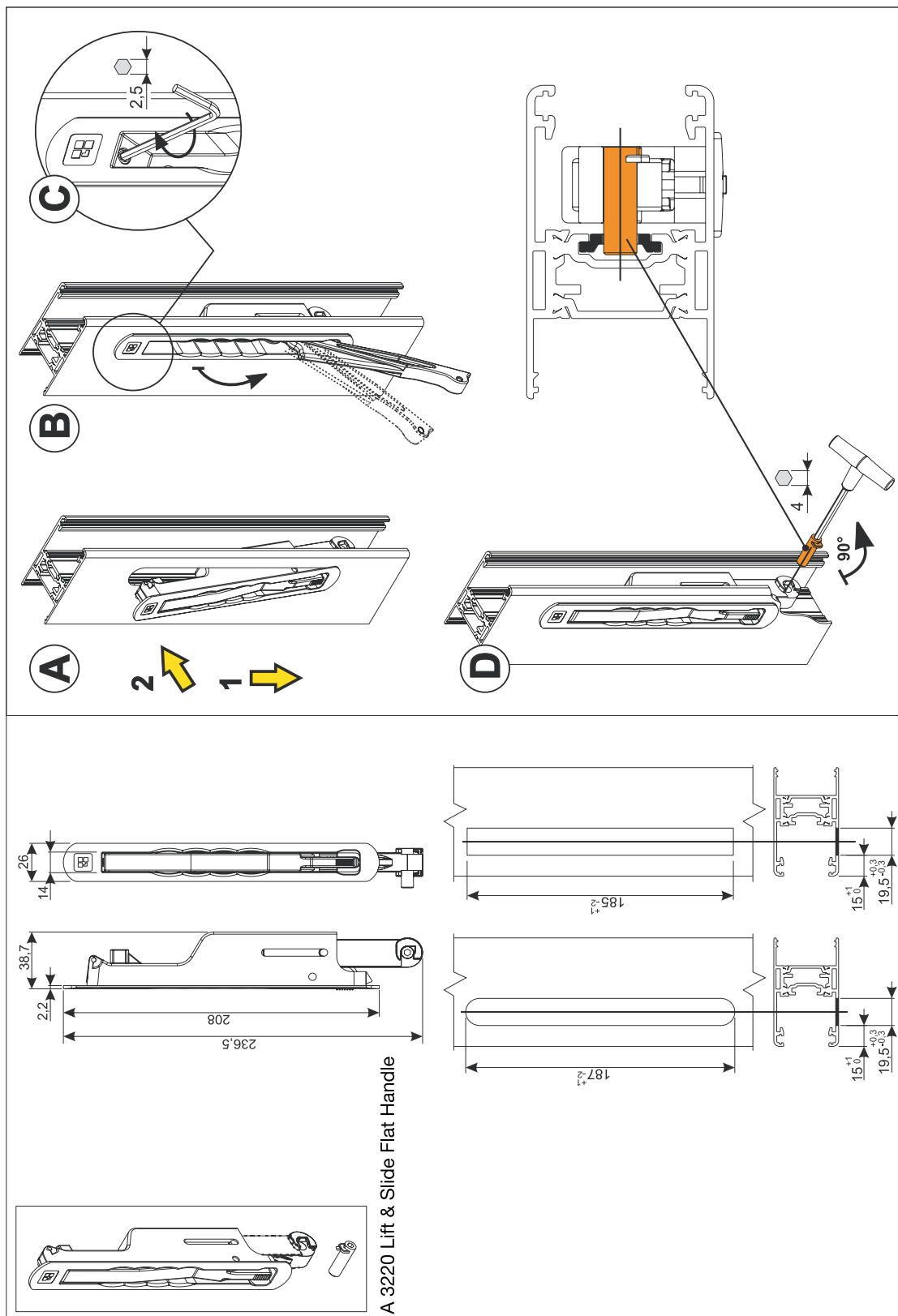
A 3205



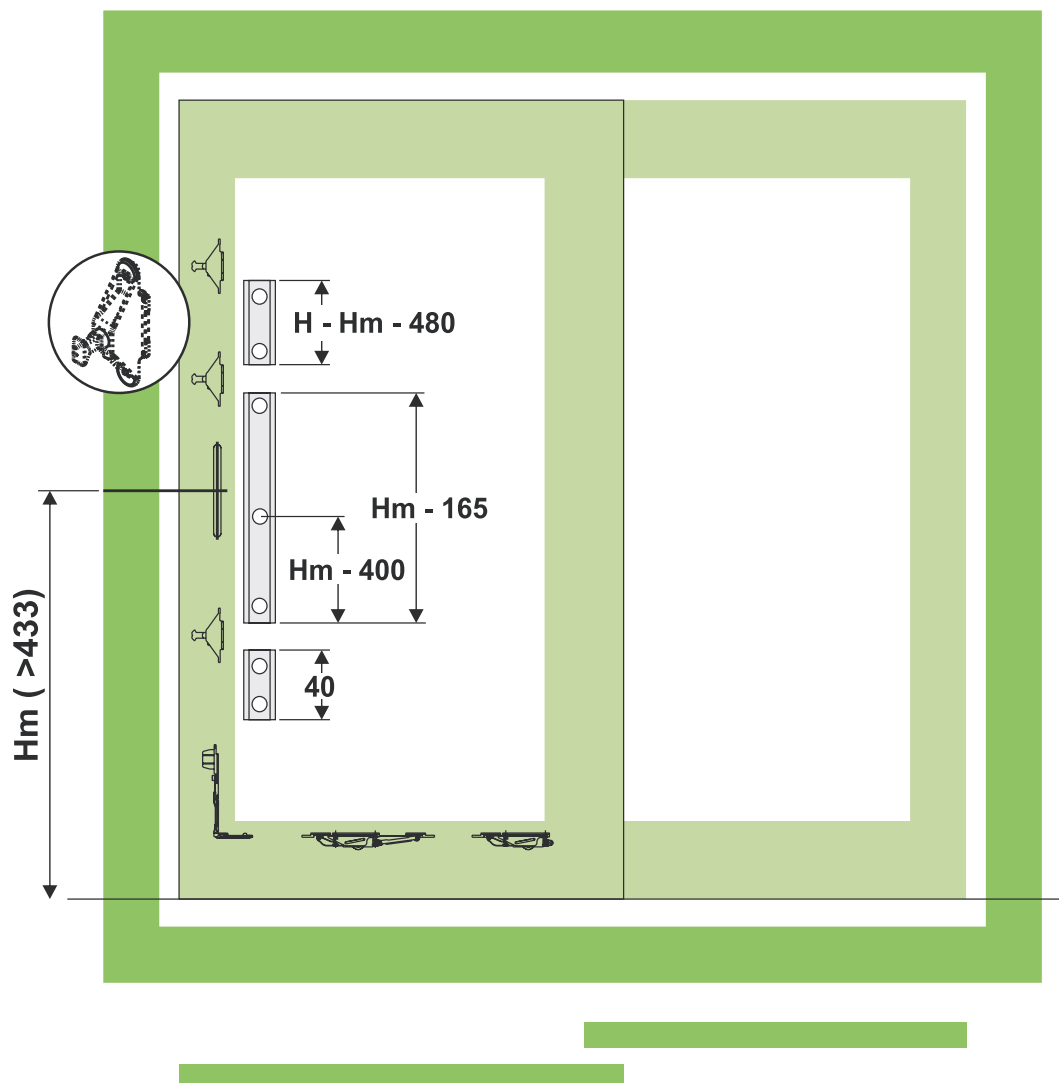
A 3219



A3220

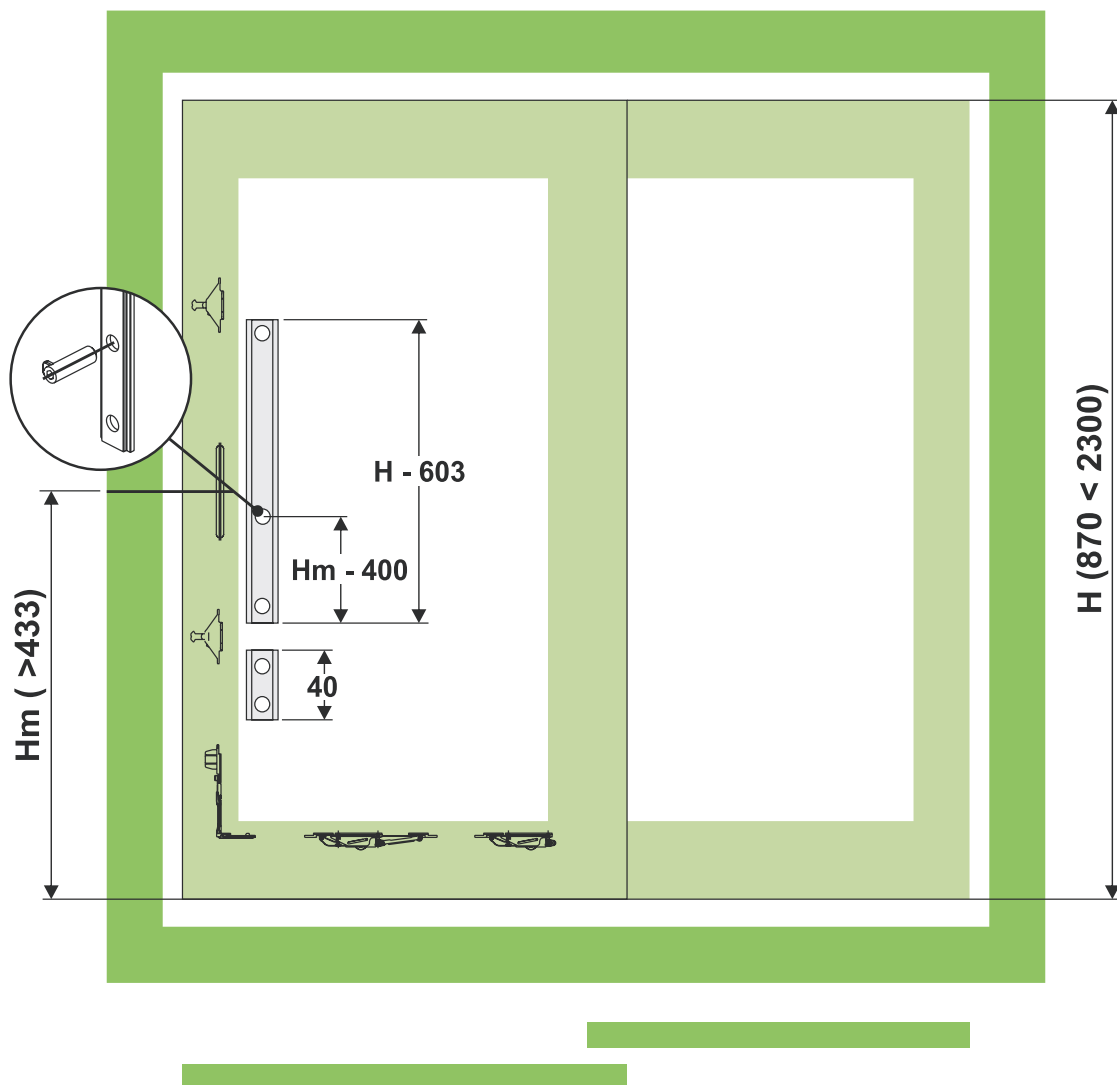


A 3220 Rod Cut



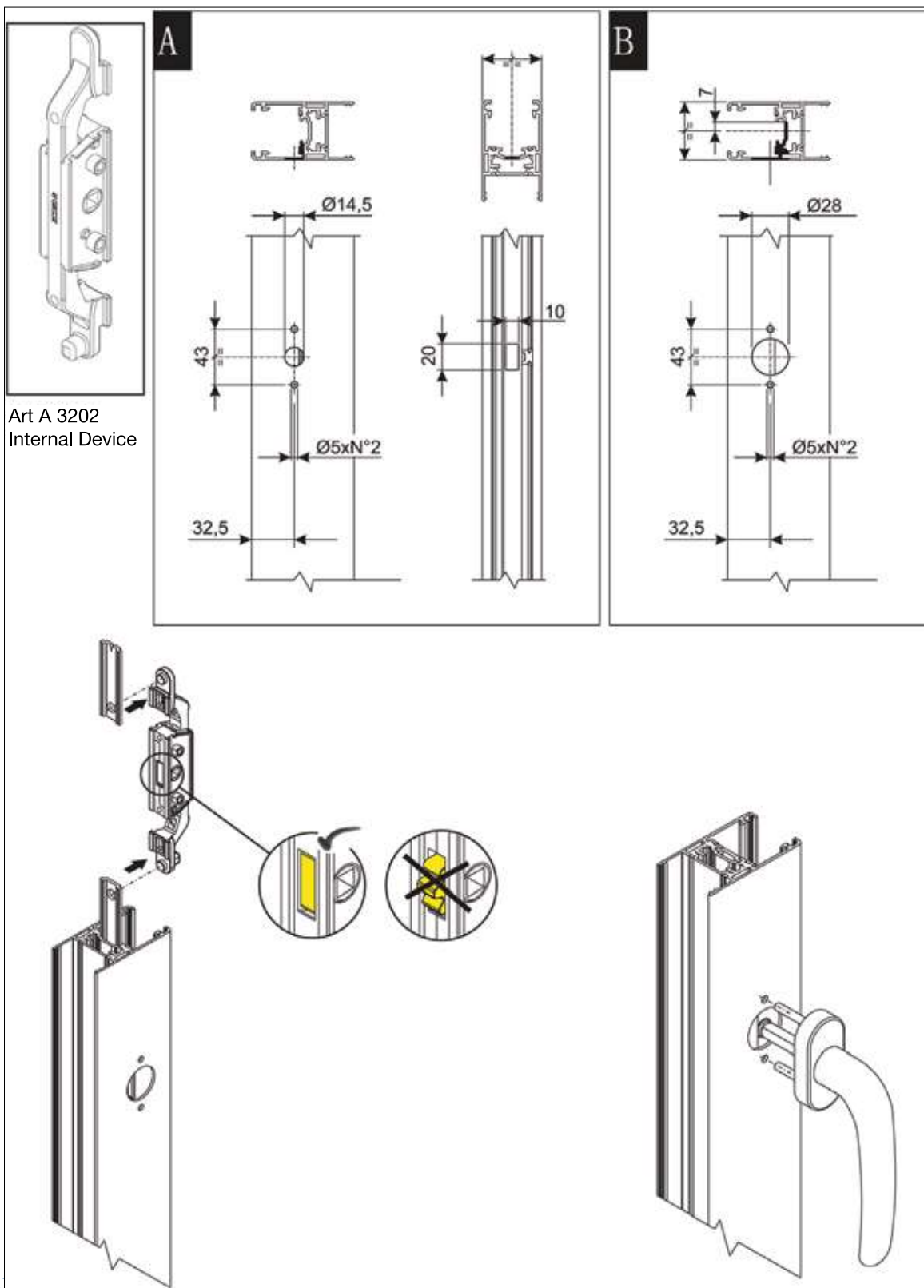
H_m - Distance to the bottom
(set the location of Handle MARTELLINA)

A 3220 Rod Cut



H - Height of Sash

A3202



Art A 3202
Internal Device

Art. A 3223



The System described is in subject to design changes or improvements with or without notice and Balexco will accept no liability on the final application or use of the system.



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