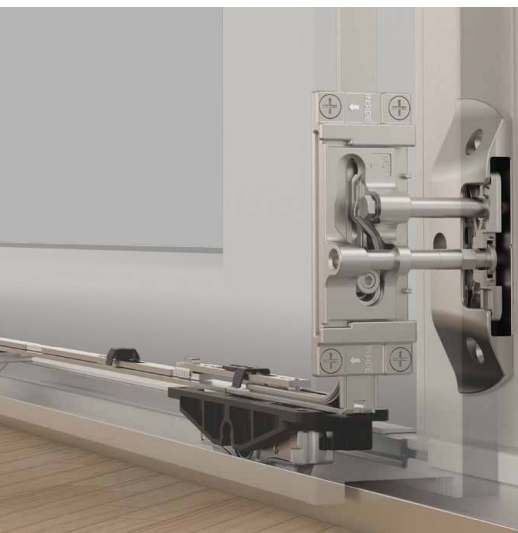

















HAUTAU Move



CATALOGUE

Symbols

N^o	Part number		Spindle length
	Packing unit		Rosette width
W	Width		Spindle size
H	Height		Surface finish
L	Overall component length		Profile depth
	Backset (BS)	PZ	Profile cylinder (PC)
	Number of security cams (i.S.)	RZ	Round cylinder (RC)
	Sash rebate height (SRH)	FB	Sash width
	Cropping range	FH	Sash height
	Handle height (HH)	FS	Sash strength
	Sash rebate width (SRW)	DM	Backset (BS)
	Handle height	li + re	left + right
		L	Air gap
		FT	Rebate depth
		V (offset)	Offset

Note: If not otherwise specified, all dimensions are stated in millimetres and packing units in items per box.

1 Technical and General Information



5

2 Move



9

3 Directory

1 Technical and General Information

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1 Technical and General Information

1.1 General Terms and Conditions

Our current general terms and conditions are available for download from our website (www.maco.eu).

1.2 Manufacturer's declaration / State of the art

The electromechanical fittings are tested and manufactured in accordance with applicable European directives. A corresponding installation declaration is available.

1.3 Product information

Sliding hardware within the meaning of this definition is hardware for sliding sashes of windows and French doors, which are mainly used as external finishes and are usually glazed. In combination with sliding sashes, fixed fields and/or further sashes (e.g.: cleaning rotary sashes) can be arranged in a window element

Sash, which are equipped to horizontally slide.

Sliding fittings are used on vertically installed windows and French doors made of wood, PVC, aluminium or steel and their corresponding material combinations. Sliding fittings in the sense of this definition are equipped with a lock which locks the sliding sash and with rollers which are located on the lower horizontal leg of the sliding sash.

In addition, stay arms for tilting and mechanisms for lifting or parallel parking of the sashes can be provided. The sashes are closed via the fittings, brought into ventilation position and pushed to the side in manual or automated form. The Machinery Directive applies to motorised elements. Please also observe country-specific requirements in the respective laws, regulations, standards and guidelines.

Burglar-resistant windows and French doors for wet rooms and those for use in environments with aggressive, corrosion-pro-

moting air contents require fittings with performance characteristics that are adapted to the respective application and agreed separately.

The defined maximum sash weights for the individual hardware designs must not be exceeded. The component with the lowest permissible load capacity determines the maximum sash weight. Application diagrams and component allocations must be observed.

Opened windows and French windows only achieve a shielding function and do not meet any requirements for joint tightness, driving rain resistance, sound insulation, thermal insulation and burglary resistance.

The resistance to wind loads in closed and locked state depends on the respective constructions of the window and French doors. If wind loads have to be absorbed in accordance with DIN EN 12210 (in particular test pressure p3), suitable hardware combinations must be agreed and separately agreed in conjunction with the respective window construction and the frame material.

The fittings may only be cleaned or polished with mild, pH-neutral cleaning agents in diluted form.

1.4 Certificates and guarantees

MACO ensures high quality, not only with ongoing continuous internal testing, but also through external auditing by renowned, independent institutes. Copies of all our current independent test certificates, covering our quality, safety and environmental management systems, as well as our product

guarantees are available to download from our website www.maco.eu. In addition our safety descriptions relating to dangerous substances (REACH Declaration) are available, covering all MACO products.

1.5 Storage and safekeeping

Check the following immediately upon delivery

- Completeness of delivery
- Packaging damage
- Material damage
- Improper storage and improper (transport from the hardware can effect the surface. Follow the instructions to avoid this.)
- It must be ensured that the room air is permanently dry.

- Major temperature fluctuations that lead to condensation must be prevented. Condensation on fitting parts leads to the galvanised surfaces being attacked.
- Aggressive vapors caused by cleaning agents or assembly aids such as silicone and the like must be avoided at all costs - even for short periods. Vapours from such substances can very quickly lead to corrosion of fittings.
- Salty air or air polluted by trade and industry also leads to corrosion on galvanized surfaces and is also not suitable for storage facilities.



1.6 Storage and safekeeping electromechanical parts

WEEE may only be stored in suitable areas, taking into account the nature and hazard potential of the waste, with weatherproof covering, impermeable surface, if necessary resistant to oil and solvents, collection facilities and, if necessary, separators for leaking liquids and grease dissolving cleaning agents.

During storage and transport of WEEE, it must be ensured that damage that could result in the escape of hazardous substances is avoided. They must be stored and transported in such a way that subsequent dismantling or recycling is not made difficult or impossible.

1.7 Transport

Finished window elements shall be as follows

- Standing
- Non-slip and non-tilting suitable
- Protected from dirt

From intermidate outdoor storage

- Covered or packed
- Sliding elements that exceed a weight of 200 kg
- Avoid exposure on mechanical connections
 - Use specifically transport devices
 - It is recommend to transport these elements unglazed

Technical and General Information



2 Move

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2 Move

2.1 Application diagrams

The Hautau MOVE slide hardware is perfectly suited to implementing sliding windows and balcony doors in all common timber, PVC and aluminium profiles.

The application diagrams below show the maximum and minimum application range for the sash rebate sizes. These application ranges relate to the Hautau MOVE slide hardware and are binding. They may not be exceeded.

ATTENTION: For the fabrication of slide PVC profiles and aluminium profiles, the profile manufacturer's application areas must be adhered to. These manufacturer application areas may limit the Hautau MOVE slide hardware application areas.

With a sash weight over 200 kg, additional rollers must be used.

The sliding sash must not exceed the total weight of 250 kg.

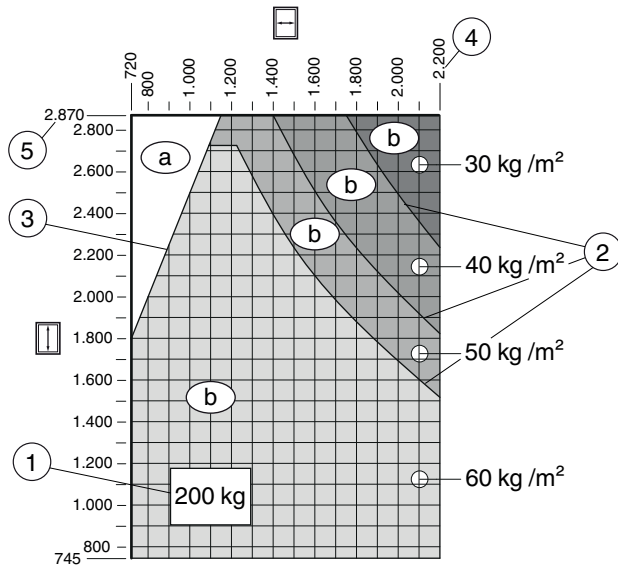
The sash height must not exceed 2.5 times the sash width!

SW : SH = max. 1 : 2.5

On every corner, an i.S. Pin must be used on the vertical side.

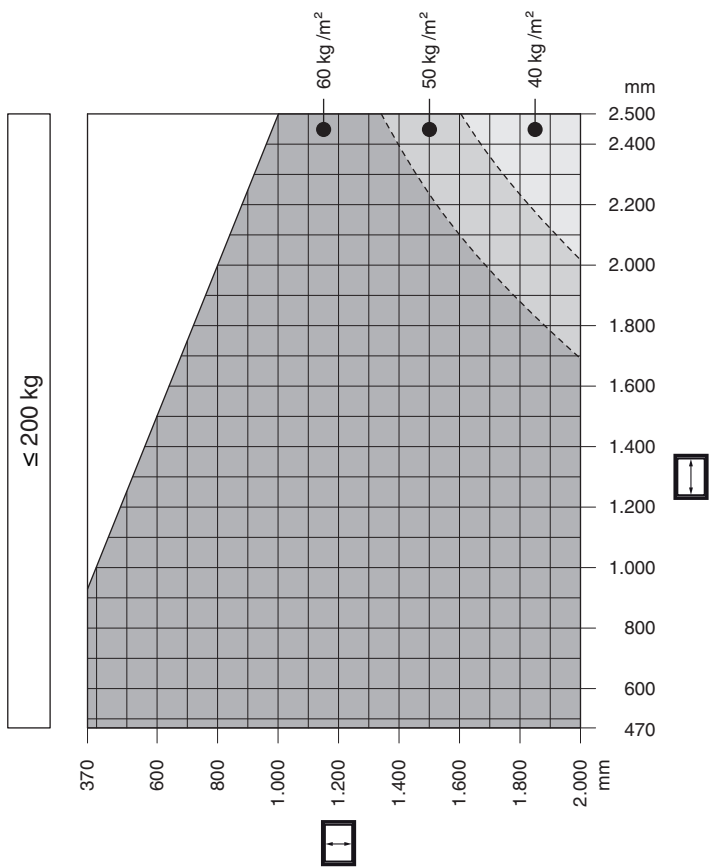
The maximum locking distance must not exceed 1,074 mm.

Specifications on the application diagram

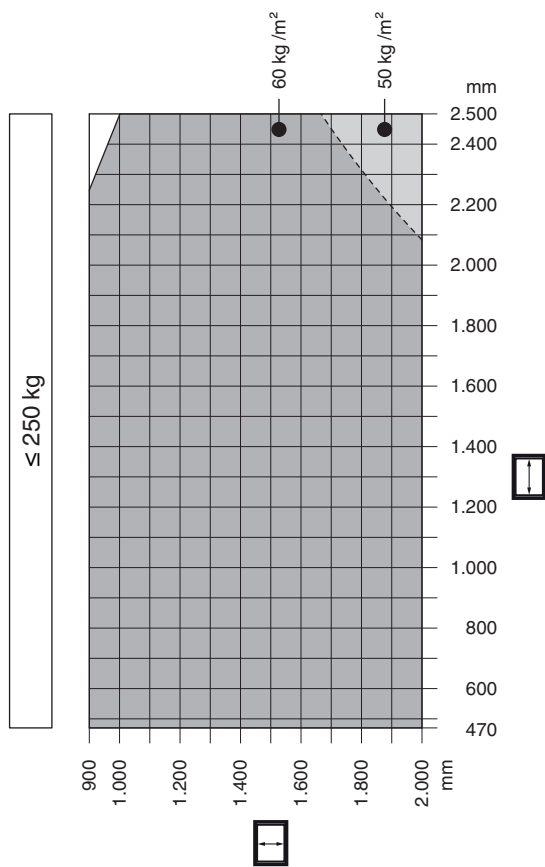


- 1) Maximum permissible sash weight
- 2) Maximum size per glass weight
- 3) Ratio SW:SH (1:2.5)
- 4) Maximum SW
- 5) Maximum SH
- a) White area = not permissible
- b) Grey area = permissible

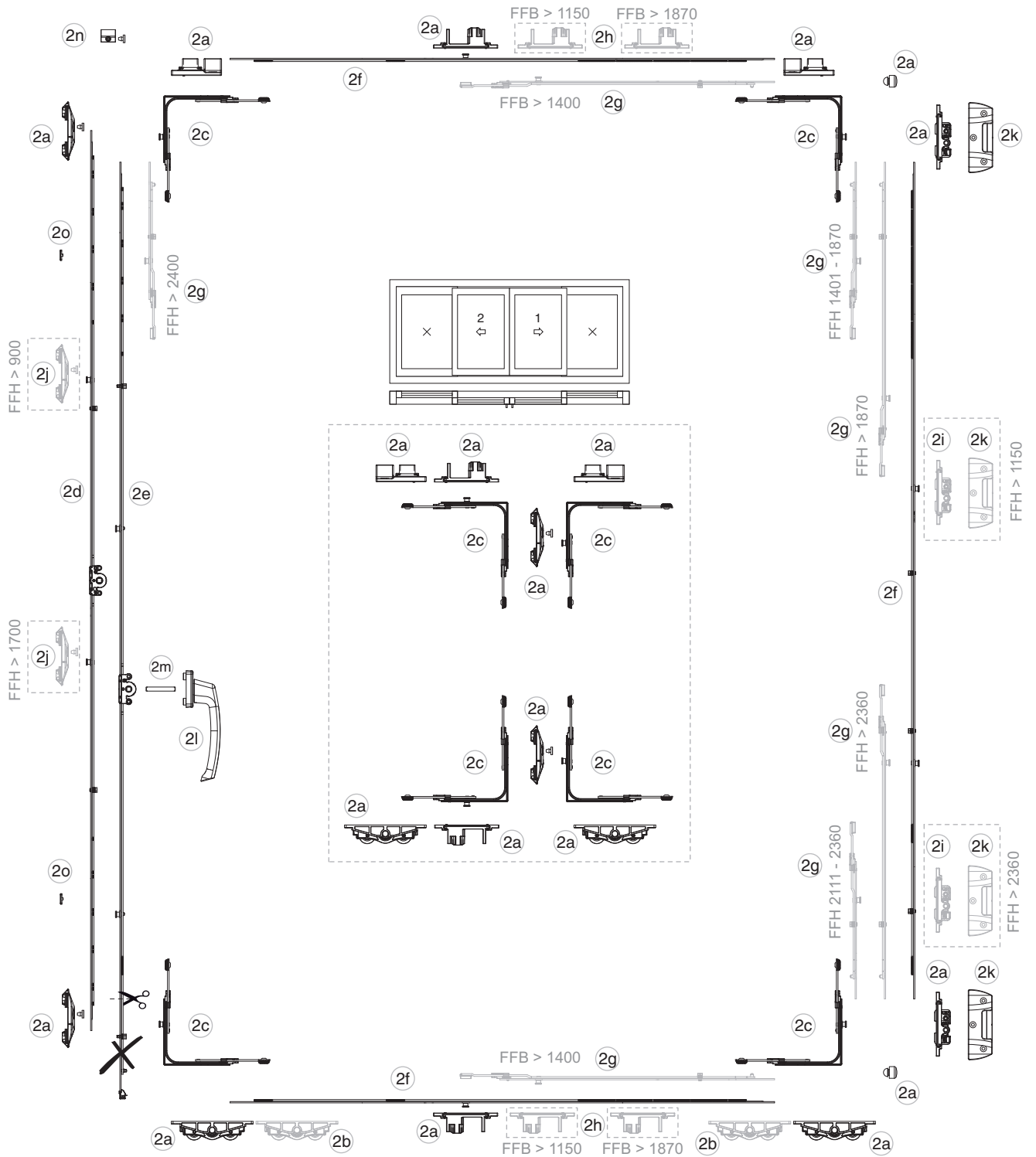
Application diagram 200 kg



Application diagram 250 kg



2.2 MOVE: Hardware overview



Selection guide			Page
2a	2.4	Basic box Move 200 kg	18
2b	2.5	Package additional roller Move 250 kg	18
2c	2.6	Corner element MM i.S.	18
2d	2.7.1	Turn-only drive gears BS 15 VHH i.S.	19
2e	2.7.4	Turn-only drive gears MM BS 15 FHH i.S.	19
2f	2.8	Width connector MM i.S.	20
2g	2.9.1	Faceplate extensions MM extendable	21
2h	2.10.1	Package locking Move upper/lower	22
2i	2.10.2	Package locking Move centre	22
2j	2.11.1	Striker plate Move drive gear side	23
2k	2.11.2	Striker plate Move centre	23
2l	2.13.1	Interior handles with lugs 10/12	24
2m	2.13.3	Spindles	24
2n	2.14.1	Package stop Move guide track	26



2.3 MOVE: Hardware listing

Diagram A left

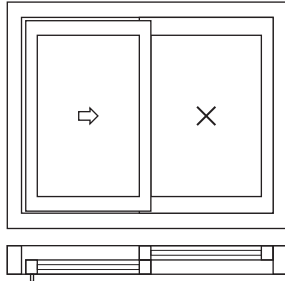


Diagram A right

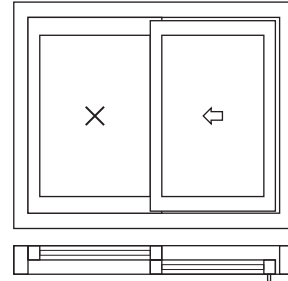
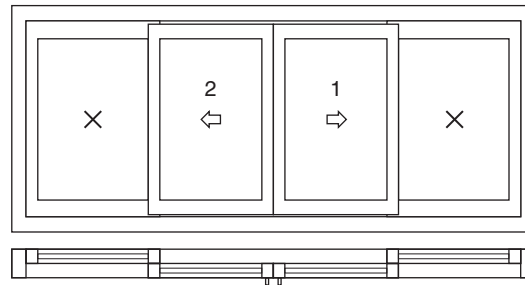


Diagram C



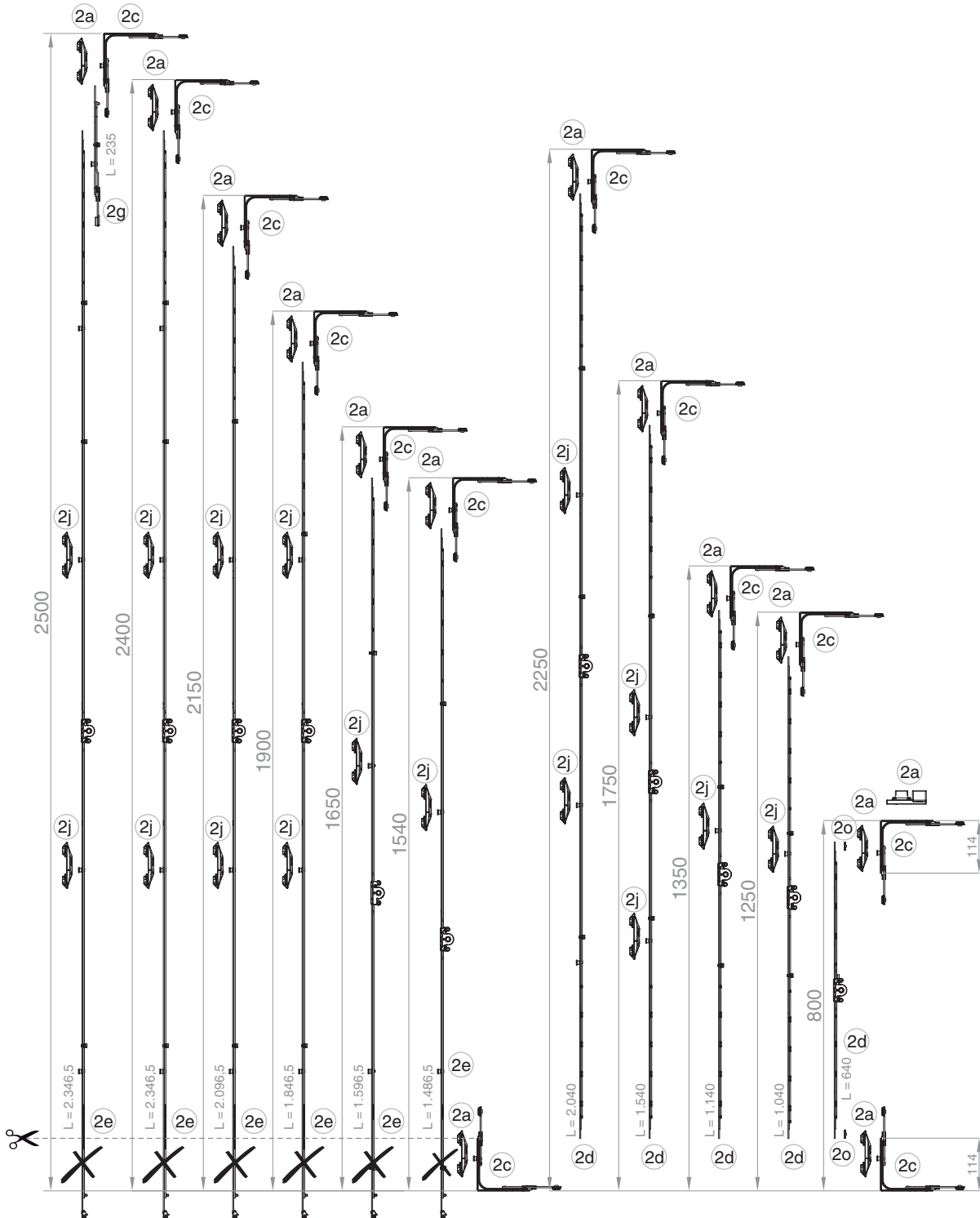
Quantity for diagram		Nr.	Description
A	C		Description
1	1	2.4	Basic box Move 200 kg with 2 lock elements and 2 striker plates
-	1	2.4	Basic box Move 200 kg with 2 lock elements
0 - 1	0 - 2	2.5	Package additional rollers Move 250 kg
4	8	2.6	Corner element MM i.S.
1	2	2.7.4	Turn drive gear MM DM 15 fixed i.S.
		2.7.1	Turn drive gear MM DM 15 variable i.S.
2	4	2.7.2	Faceplate restrainer for short drive gear MM
3	6	2.8	Width connector MM i.S.
0 - 4	0 - 8	2.9.1	Faceplate extension MM extendable [sash rebate > 1400]
0 - 2	0 - 4	2.10.1	Package locking elements upper/lower [SRW > 1150 = 1x / SRW > 1870 = 2x]
0 - 2	0 - 4	2.10.2	Package locking elements centre [SRH > 1150 = 1x / SRH > 2360 = 2x]
0 - 2	0 - 2	2.11.1	Strike plate Move drive gear side [SRH > 900 = 1x / SRH > 1700 = 2x]
2 - 4	4 - 8	2.11.2	Strike plate Move centre [SRH > 1150 = 1x / SRH > 2360 = 2x]
1	2	2.13.1	Internal handle
1	2	2.13.3	Square spindle
-	1	2.14.1	Package stop Move for guide track

Overview central locking system MM Move-Standard

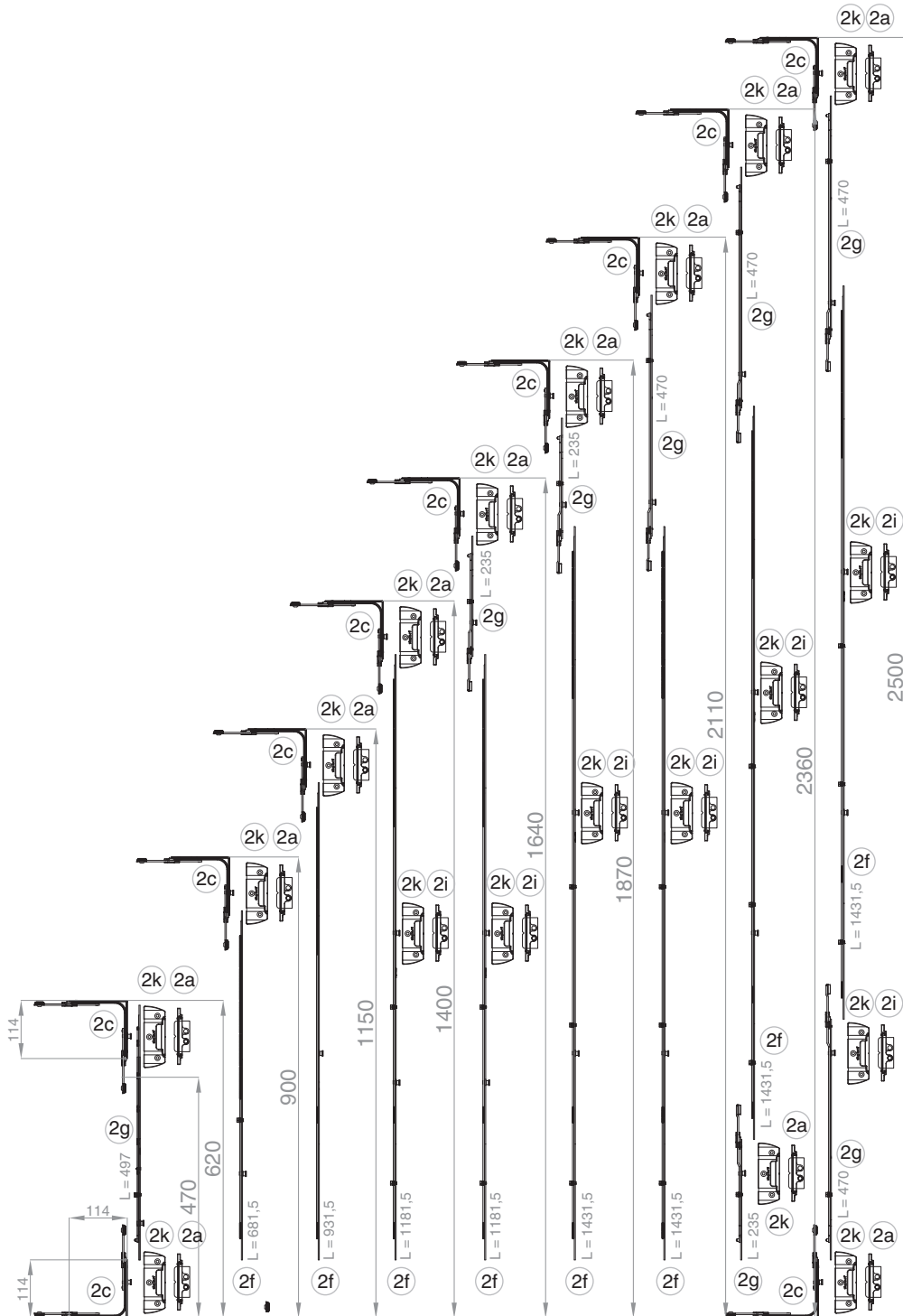
On every corner, an i.S. Pin must be used on the vertical side.

The maximum locking distance must not exceed 1,074 mm.

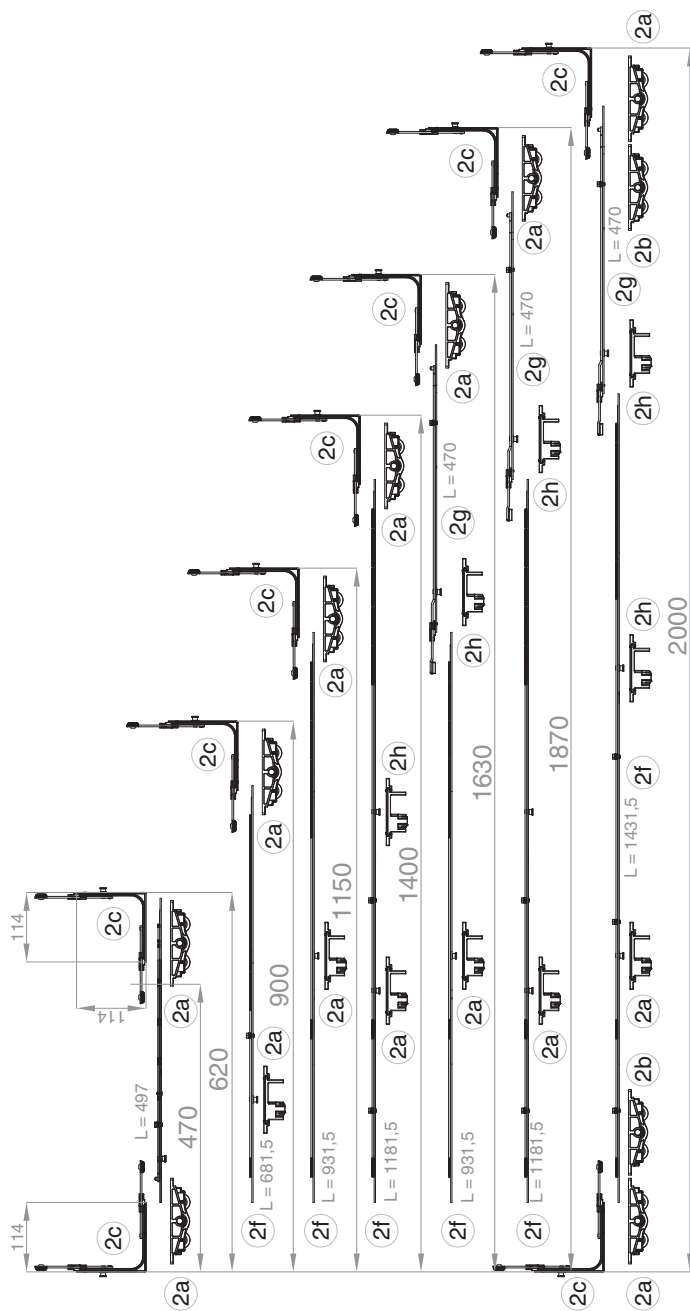
Overview central locking system MM drive gear side

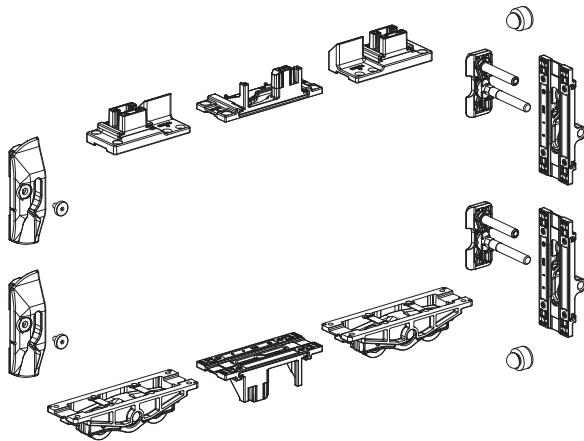


Overview central locking system MM middle



Overview central locking system MM bottom / top





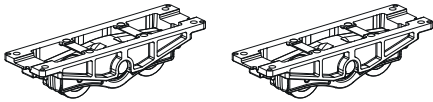
306472

2.4 Basic box Move 200 kg



N^o

with 2 locking elements upper + lower	2 striker plates drive gear side	silver	left	1	306472
			right	1	306473
with 4 locking elements upper + lower	without striker plates	silver	left	1	306503
			right	1	306504



306405

2.5 Package additional roller Move 250 kg



N^o

Move	silver	right and left	5	306405
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222201

2.6 Corner element MM i.S.

W H









N^o

silver	with 1 i.S.	113,5	113,5	50	222201¹
--------	-------------	-------	-------	----	---------------------------

¹ Part number HAUTAU: 321149


2.7 Drive gears

201746 


2.7.1 Turn-only drive gears BS 15 VHH i.S.	L						No	
silver	800	640	15	0	470 - 800	200	20	201746 ¹
	1250	1.040	15	1	801 - 1.250	260	20	202170
	1350	1.140	15	1	901 - 1.350	260	20	215408
	1750	1.540	15	2	1.251 - 1.750	260	10	202171 ²
	2250	2.040	15	3	1.751 - 2.250	260	10	202172






¹ To fasten faceplate use faceplate restrainer item no. 213287.


² Part number HAUTAU: 321145






213287 

2.7.2 Faceplate restrainer for short drive gears MM	No	
silver	100	213287

250376 

2.7.3 Turn drive gear MM DM 15 variable i.S. with PZ	L						No	
silver	2250	2.035	15	3	1.751 - 2.250	260	10	250376

201836 




2.7.4 Turn-only drive gears MM BS 15 FHH i.S.	L						No	
silver	1590	1.486,5	15	2	600	1.341 - 1.590	10	201836 ^{1,2}
	1700	1.596,5	15	2	700	1.591 - 1.700	10	207302 ^{1,2}
	1950	1.846,5	15	3	1.050	1.701 - 1.950	10	201837 ^{1,2}
	2200	2.096,5	15	3	1.050	1.951 - 2.200	10	201838 ^{1,2}
	2450	2.346,5	15	4	1.050	2.201 - 2.450	10	201839 ^{1,2}

¹ Application areas are reduced by 55 mm.

² Handle heights are reduced by 55 mm.



210380 



2.8	Width connector MM i.S.	L					Nº
silver	900	681,5	with 1 i.S.	620 - 900	290	20	210380¹
	1150	931,5	with 1 i.S.	901 - 1.150	260	20	210381
	1400	1.181,5	with 2 i.S.	1.151 - 1.400	260	20	210382
	1650	1.431,5	with 2 i.S.	1.401 - 1.650	260	10	210383²

¹ Part number HAUTAU: 321147

² Part number HAUTAU: 321148

2.9 Faceplate extensions

201840 

2.9.1 Faceplate extensions MM extendable				L		No
silver	centre lock extendable MM	with 1 i.S.	1	470	20	201840
	faceplate extension MM, extendable	with 1 i.S.	1	235	20	201750

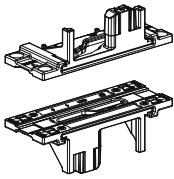
203697 

2.9.2 Faceplate extensions MM croppable				L			No
silver	faceplate extension for MM B-TV	with 1 i.S.	1	497	260	10	203697¹


¹ Part Number HAUTAU: 321146

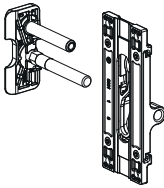


2.10 Package locking elements




306403

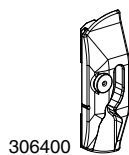
2.10.1 Package locking Move upper/lower				N^o
left	silver	10		306403
right	silver	10		306404



306474

2.10.2 Package locking Move centre				N^o
left	silver	10		306474
right	silver	10		306475

2.11 Striker plates



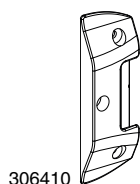
306400

2.11.1 Striker plate Move drive gear side



No

left	silver	20	306400
right	silver	20	306401



306410

2.11.2 Striker plate Move centre

H

W



No

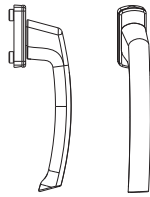
			H	W		No
right and left	silver	with rebate	11	41,8	20	306544
			11	41,8	20	306501
			11	44	20	306502
			14	41	20	306410
	bronze	with rebate	11	41,8	20	485970
			11	41,8	20	485983
				44	20	485979
			14	41	20	485974
	jet black RAL 9005	with rebate	11	41,8	20	485968
			11	41,8	20	485982
				44	20	485978
			14	41	20	485973
	traffic white RAL 9016	with rebate	11	41,8	20	485969
			11	41,8	20	485981
				44	20	485977
			14	41	20	485972



2.12 Profile overview

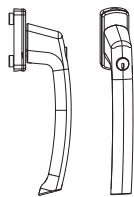
Profile	silver	traffic white RAL 9016	jet black RAL 9005	bronze
Aluplast Smart Slide	306544	485969	485968	485970
Gealan Smoovio	306410	485972	485973	485974
Rehau Synego Slide	306502	485977	485978	485979
Salamander eD Plus	306501	485981	485982	485983

2.13 Slide handle Harmony



229616

2.13.1 Interior handles with lugs 10/12							No
black brown RAL 8022	58	without pin	28	7	anodised	10	24658
bronze	58	without pin	28		anodised	10	24432
bronze SKB	58	without pin	28	7	anodised	10	203890
champagne	58	without pin	28	7	anodised	10	24433
jet black RAL 9005	58	without pin	28	7	powder coated	10	229616
silver	58	without pin	28	7	anodised	10	59045
silver (white rosette)	58	without pin	28	7	anodised	10	220632
titanium	58	without pin	28	7	anodised	10	24434
traffic white RAL 9016	58	without pin	28	7	powder coated	10	24435

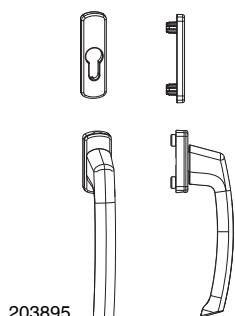


203893

2.13.2 Interior handle with lugs 10/12 lock cylinder							No
black brown RAL 8022	58	without pin	28	7	anodised	10	220634
bronze	58	without pin	28	7	anodised	10	59049
bronze SKB	58	without pin	28	7	anodised	10	203893
champagne	58	without pin	28	7	anodised	10	59051
silver	58	without pin	28	7	anodised	10	59048
silver (white rosette)	58	without pin	28	7	anodised	10	220633
titanium	58	without pin	28	7	anodised	10	59050
traffic white RAL 9016	58	without pin	28	7	powder coated	10	59046

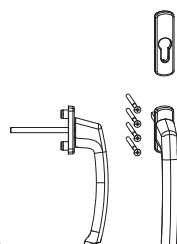
30717

2.13.3 Spindles	L				No
spindle	52	26	7	200	39013
	56	30	7	200	39029
	61	35	7	200	30717
	64	38	7	20	94228
	69	43	7	200	39014
	76	50	7	200	30765



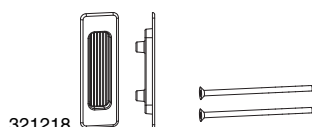
203895

2.13.4 Interior handle with lugs 12							No
black brown RAL 8022	PC	58	28	7	anodised	10	203904
bronze	PC	58	28	7	anodised	10	203900
bronze SKB	PC	58	28	7	anodised	10	203901
champagne	PC	54	28	7	anodised	10	203897
cream white RAL 9001	PC	58	28	7	powder coated	10	228562
silver	PC	54	28	7	anodised	10	203896
silver (white rosette)	PC	54	28	7	anodised	10	203895
titanium	PC	58	28	7	anodised	10	203902
traffic white RAL 9016	PC	58	28	7	powder coated	10	203903



202624

2.13.5 Exterior handle high PZ with lugs 12								No
black brown RAL 8022	PC	64-73	54	26	7	anodised	10	202626
		max. 90	54	26	7	anodised	10	213336
bronze	PC	64-73	54	26	7	anodised	10	202625
		max. 90	54	26	7	anodised	10	213335
bronze SKB	PC	64-73	54	26	7	anodised	10	203894
		max. 90	54	26	7	anodised	10	213340
champagne	PC	max. 90	54	26	7	anodised	10	213337
cream white RAL 9001	PC	max. 90	54	26	7	powder coated	10	228563
silver	PC	64-73	54	26	7	anodised	10	202624
		max. 90	54	26	7	anodised	10	213334
titanium	PC	64-73	54	26	7	anodised	10	202628
		max. 90	54	26	7	anodised	10	213338
traffic white RAL 9016	PC	64-73	54	26	7	powder coated	10	202630
		max. 90	54	26	7	powder coated	10	213339



321218

2.13.6 Finger pull handle short				No
silver	powder coated	glittering	321218 ¹	
traffic white RAL 9016	powder coated	glittering	321288 ¹	

¹ Inklusive Schrauben M5 x 100

2.14 Accessories and individual components



306505

2.14.1 Package stop Move guide track



No

stop set	Move	for guide track	grey	5	306505
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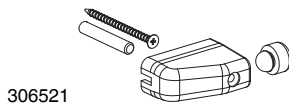
485721

2.14.2 For stop Move



No

for stop Move		for guide track		1	485721
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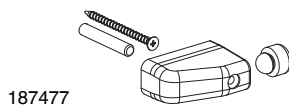
306521

2.14.3 Package stop Move roller track



No

stop set	Move	for guide track	white	5	306521
			black	5	306522
			grey	5	306523



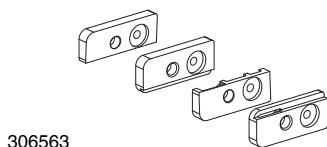
187477

2.14.4 Package stop Move with long bolts



No

stop set	PVC	with long bolts	black	1	187477
			white	5	187480
			grey	5	239855



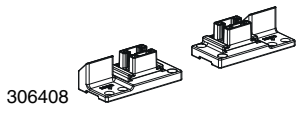
306563


2.14.5 Packake packers for stop with long bolts



No

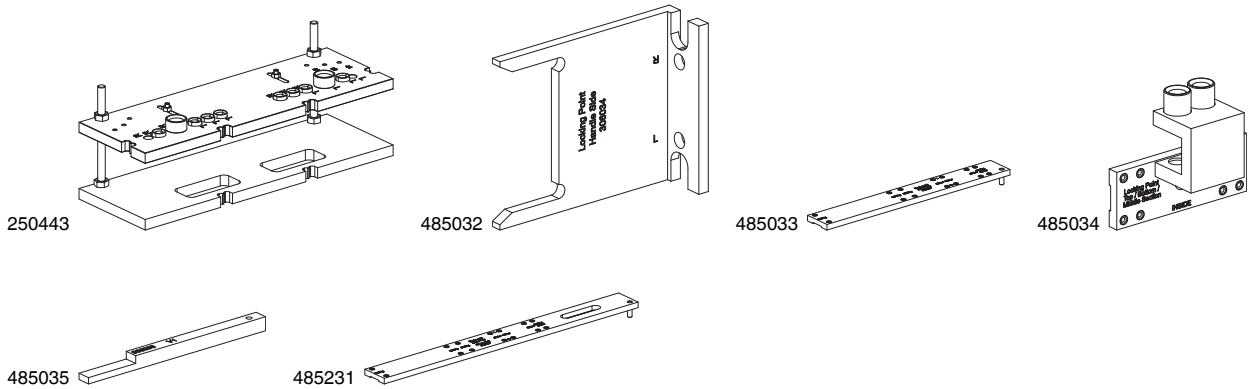
Package packers	for stop Move	Aluplast Smart Slide	white	5	306563
			black	5	306564
			grey	5	306565
		Gealan Smoovio	white	5	306567
			black	5	306568
			grey	5	306569
		Salamander eD Plus	white	5	485029
			black	5	485030
			grey	5	485031




2.14.6 Package slider Move						No
Package slider	Move	for guide track	silver	1	306408	

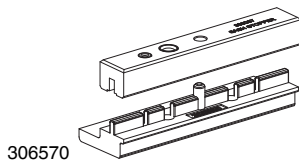


2.15 Jigs and tools




2.15.1 Basic jigs

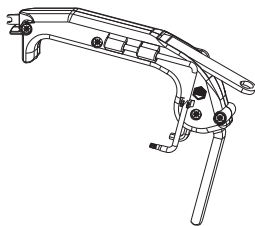
		No
drilling and routing jigs for drive gear drill-hole and finger pull	1	250443
striker positioning jig for striker plate drive gear side	1	485032
drilling jig diagram A	1	485033
drilling jig	1	485034
adjustment jig centre	1	485035
	1	485036
drilling jig diagram C	1	485231



306570


2.15.2 Drilling jig for stop

		No
drilling jig for stop Move Salamander eD Plus	1	306570
drilling jig for stop Move Aluplast Smart Slide	1	306571
drilling jig for stop Move Gealan Smoovio	1	306572
drilling jig for stop Move	1	485312

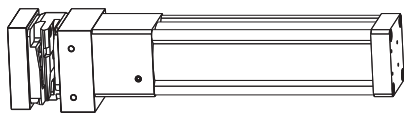


206417

2.15.3 Adjustment keys

		No
multifunctional key	20	206417
adjusting spanner/key for i.S. cams, bent twice, 75 mm long TX15	50	44192
adjusting spanner/key for i.S. cams, bent twice, 145 mm long TX15	50	465776

455008



2.15.4 Hardware croppers



No

SOMATEC hardware cropper MM with accessories left	1	455008
SOMATEC hardware cropper MM with accessories right	1	455009
Manual fitting cutter MM Reiplinger	1	462516
cropping aid for offset punch MULTI MATIC	1	463153



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