



WINDOW TECHNOLOGY
DOOR TECHNOLOGY
AUTOMATIC ENTRANCE SYSTEMS
BUILDING MANAGEMENT SYSTEMS



DOOR TECHNOLOGY – ORDER CATALOG

Lift&Slide Hardware



Securing technology for you





Application

Range of applications for GU Lift&Slide fittings:

- Lift&Slide patio doors with 2 to 4 sashes
- Lift&Slide windows with 2 to 4 sashes

Designs

Lift&Slide fittings GU-934, GU-937

Fittings with 4-wheel carriages and clamp fixed connecting bar. Wheels made of fabric reinforced laminated plastic with ball bearing. For sash thicknesses 56mm up to 92 and 110mm, sash clearances 28mm as standard, 10, 22, 25mm available. Lift-locking gear with 37,5 and 27,5mm backset and cylinder bore. Sash height from 850 - 2750mm std. and taller with extensions.

Sash weights:

GU-934 = single sash up to 300 kg; additional 400 & 600 kg capacities available.

GU-937 = single sash up to 150 kg

Turn handles

The DIRIGENT handles are made of aluminum with concealed fixings. Rosettes with robust retaining feature. Other handle styles include RONDO & FORTE.

Standard version: handles without cylinder bore. Handles with cylinder bore, handles for operation on both sides with cylinder bore and removable handles complete the program.

Top guides

Top guides P 1786

Aluminum gliding rails for lift-slide sashes.

Sash thickness 56 & 68mm standard with thickness up to 110mm.

Top guide P 1850

Aluminum gliding rails for lift-slide sashes.

Sash thickness from 68mm standard with thickness up to 110mm.

Standard colors

Lift-slide fittings are supplied in the following standard colors:

EV 1 Visible aluminum parts anodized EV 1 (Silver)

UC 5 Visible aluminum parts anodized dark bronze

White Visible aluminum parts white (RAL 9016), tubular sills anodized EV 1 (Silver).

Further colors and finishes for handles on request.

Standard surface sealing of lift-slide fittings: ferGUard*silver

The fitting parts are made of high quality steel, zinc die-casting and aluminum alloys.

Locking components and runners of lift-slide fittings come with the surface sealing ferGUard*silver. As an additional level of protection, runners are available in FaceGUard.

Thresholds

Timber threshold

Fabricator designed and manufactured threshold with applicable rails and accessories.

GU-timberstep 164

Threshold with thermal break for lift-slide elements:

- Small installation height of 22mm (without running rail)
- Subsequent exchange of running rail possible
- Modular system: Corner joints and other accessories can also be used for GU-threshold 47 and GU-flatstep, thus allowing for optimized stock keeping.
- Applicable for timber doors
- Sash clearance 28 and 10mm
- Timber profile thickness up to 88mm

The following thresholds are available upon request:

GU-thermostep

Threshold with thermal break for Lift&Slide elements:

- Subsequent exchange of running rail possible
- No drilling for running rail on the vertical frame profile
- Modular system: tread threshold, various drip rails and running rails to be clipped on
- Identical basic profile for timber and PVC doors
- Anti moisture foil directly connected to the drip rail
- Sash clearance 10 to 28mm
- Timber profile thickness 56 to 110mm

GU-threshold 47

Threshold with thermal break for Lift&Slide elements:

- Small installation height of 47mm (without running rail)
- Subsequent exchange of running rail possible
- Modular system: Corner joints and other accessories can also be used for GU-flatstep and GU-timberstep 164, thus allowing for optimized stock keeping.
- Applicable for timber and PVC doors
- Inclusive drip rail
- Sash clearance 28 and 10mm
- Timber profile thickness up to 68mm

GU-flatstep

Threshold with thermal break for Lift&Slide elements:

- Small installation height of 22mm (without running rail)
- Subsequent exchange of running rail possible
- Modular system: Corner joints and other accessories can also be used for GU-threshold 47 and GU-timberstep 164, thus allowing for optimized stock keeping.
- Applicable for timber and PVC doors
- Sash clearance 28 and 10mm
- Timber profile thickness up to 68mm



Application range of Lift&Slide hardware

Fittings	Opening method	Sash arrangement according to scheme A C D E L	Sash weight max. kg	Sash thickness ST mm	Sash clearance mm	Backset mm	Sash width SW mm	SH mm Top guides P 1786, 1850	Standard drawing scheme A
GU-934 H	Patio door	• • • • •	300	56-110	10-28	37,5[1]	700-3300	1851-2750	046522 & 0-46510/P1786
GU-934 HF	Window	• • •	300	56-110	10-28	37,5[1]	700-3300	850-1850	0-46524/P1850
GU-937 H	Patio door	• • • • •	150	56-110	10-28	27,5[2]	700-2200	1851-2750	0-46522 & 0-46510/P1786
GU-937 HF	Window	• • •	150	56-110	10-28	27,5[2]	700-2200	850-1850	0-46524/P1850

[1] = Backset 27,5 mm also possible [2] = Backset 37,5mm also possible

Application range of thresholds

Threshold	Sash arrangement according to scheme A C D E F K L	Sash thickness ST mm	Sash clearance mm	Standard drawing scheme A
GU-thermostep	• • • • • • •	56, 68 78, 88 90 92, 110	10, 28 28 25 22	0-44160
GU-threshold 47	• • • •	56, 68	10, 28	0-45156
GU-flatstep	• • • •	56, 68	10, 28	0-45432
GU-timberstep 164	• • • •	56, 68 78	10, 28 28	0-45433

Application range of guide tracks

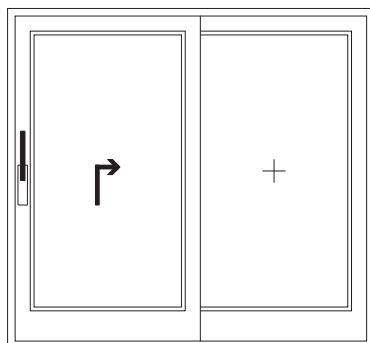
Top guide	Sash arrangement according to scheme A C D E L	Sash thickness ST mm	Sash clearance mm
P 1786	• • • • •	68, 78, 88 90 92, 110	28 25 22
P 1850	• • • • •	68, 78, 88 90 92, 110	28 25 22

Abbreviations

AD	Assembly drawing
CB	Cylinder bore
FS	Fixed sash
G	Fixed gear position
H	Fittings for timber windows and patio doors
lh	left hand
PU	Packing unit
rh	right hand
SC	Sash clearance
SH	Sash height
ST	Sash thickness
SW	Sash width
TFW	Total frame width

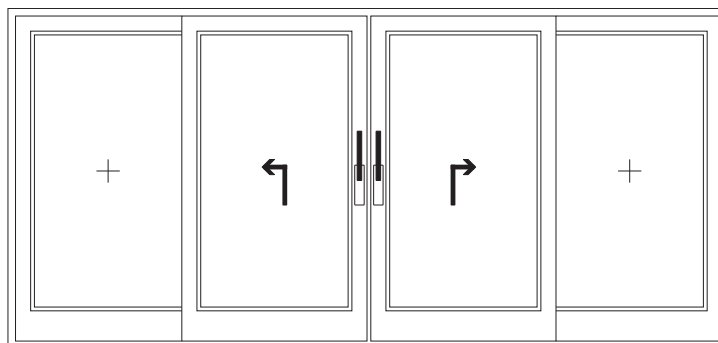


Sash configuration according to schemes A to L
All schemes: panel perspective is inside



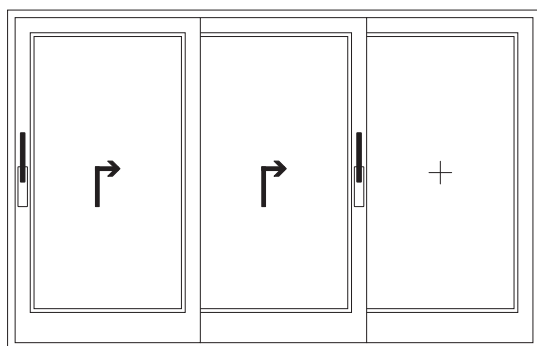
Scheme A

1 Lift&Slide sash, 1 fixed panel
Fig. shows left hand handle



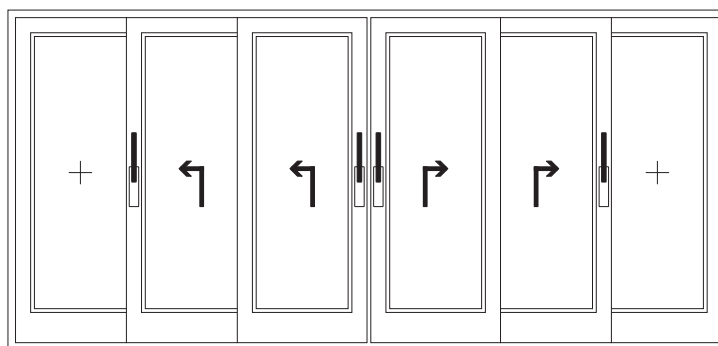
Scheme C

2 Lift&Slide sashes, 2 fixed panels
Fig. shows left hand and right hand handles



Scheme E

2 Lift&Slide sashes, 1 fixed panel
Fig. shows left hand and right hand handles



Scheme L

4 Lift&Slide sashes, 2 fixed panels
Fig. shows left hand and right hand handles



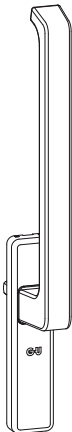
05.2

GU-934/937 K PVC Hardware

DIRIGENT Handle – Aluminum	05.2.3
DIRIGENT Handle – Polished Brass	05.2.4
DIRIGENT Handle – Stainless Steel	05.2.4
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VEKA Slide Elevation	05.2.10
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DIRIGENT turn handles – aluminum

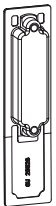



Contents:
1 DIRIGENT turn handle
inside, without PC hole
1 flush pull

240mm handle length

Inside turn handle set – GU-934/937
DIRIGENT without PC hole
68mm sash thickness
K-13265-00-0-*

* = color: 1 = EV1 (Silver)
5 = UCS (Dark Bronze)
7 = White

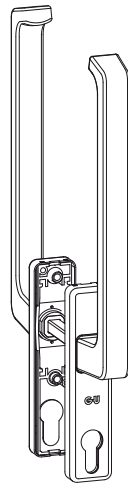



Contents:
1 DIRIGENT turn handle
inside, with PC hole
1 flush pull

240mm handle length

Inside turn handle set – GU-934/937
DIRIGENT with PC hole
ST up to 80mm, adjustable spindle length
K-13266-00-0-*

* = color: 1 = EV1 (Silver)
5 = UCS (Dark Bronze)
7 = White




Contents:
1 DIRIGENT turn handle
both sides with PC hole
2 countersunk screws
M 6 x 100

240mm handle length

Turn handles set, both sides – GU-934/937
DIRIGENT with PC hole
ST up to 90mm, adjustable spindle length
K-13267-00-0-*

* = color: 1 = EV1 (Silver)
5 = UCS (Dark Bronze)
7 = White

Accessories



Cover rosette, inside
without PC hole
6-23243-01-0-*



Cover only
9-37909-01-0-*



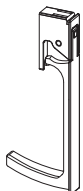
Cover rosette, inside
with PC hole
6-23243-02-0-*



Cover only
9-37909-02-0-*



DIRIGENT
Removable handle
240mm handle length
6-24619-00-0-*



Pull handle
(installation on
lift-locking gear)
6-C7960-00-0-6



Cover rosette, outside
9-29527-00-0-*



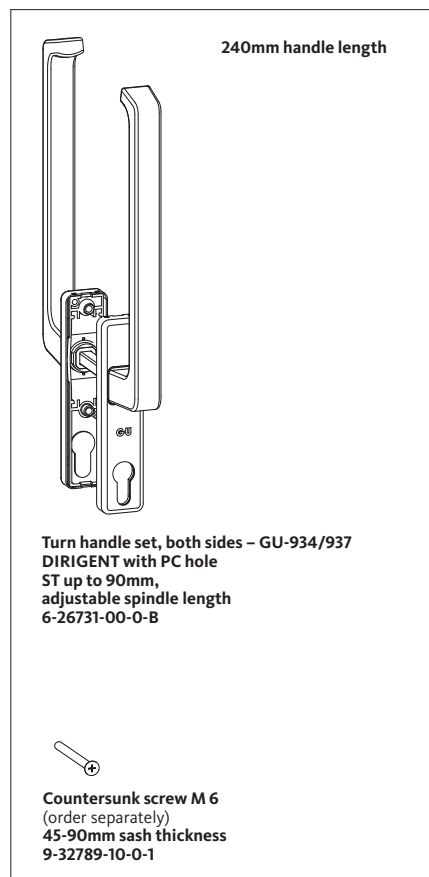
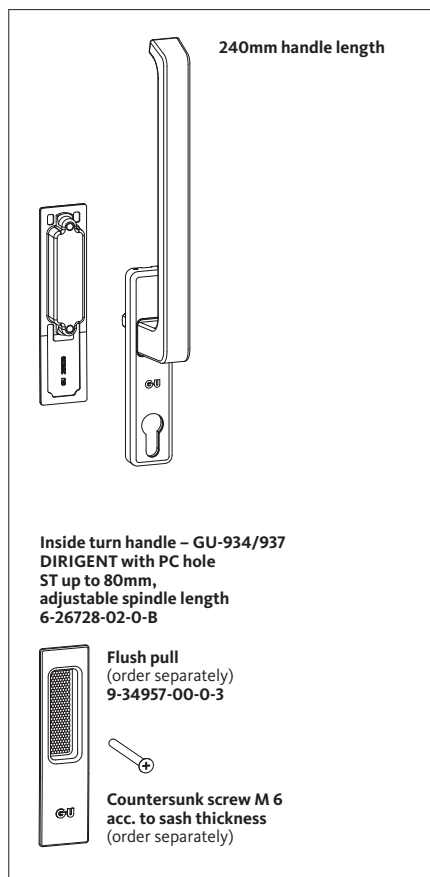
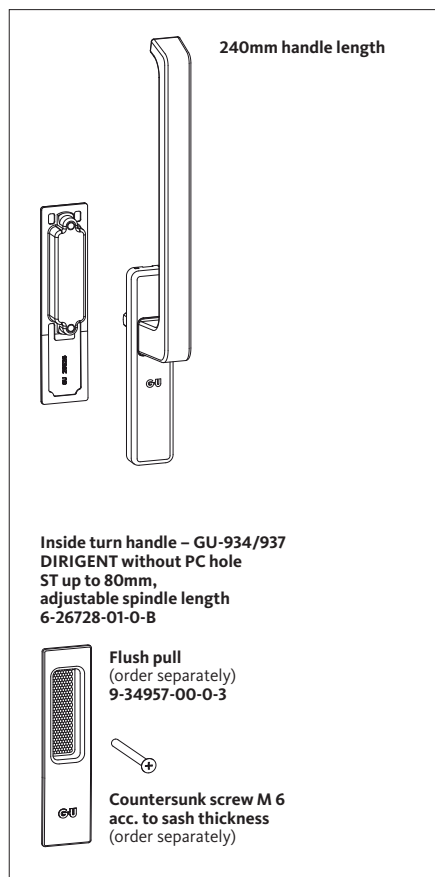
Flush pull
Aluminium
9-29526-00-0-
Stainless steel
9-42737-01-0-8

GU-934/937 K Lift&Slide Hardware

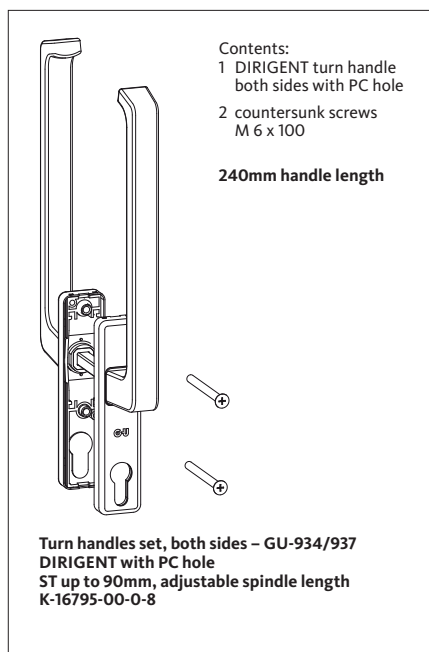
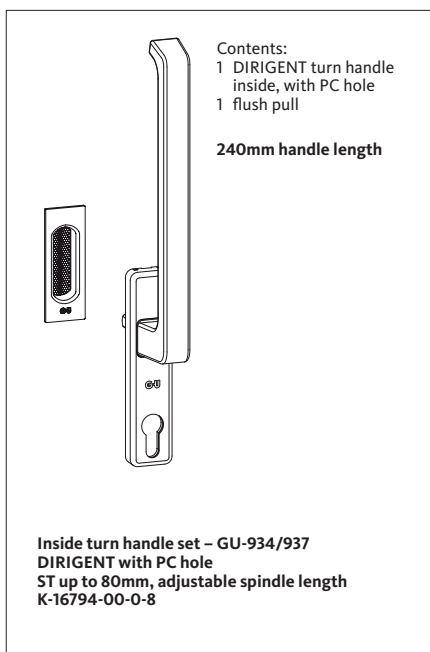
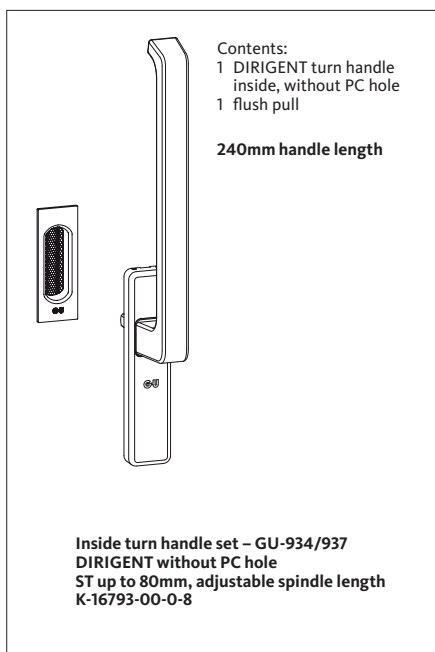
Turn Handles for Windows and Patio Doors



DIRIGENT turn handles – polished brass

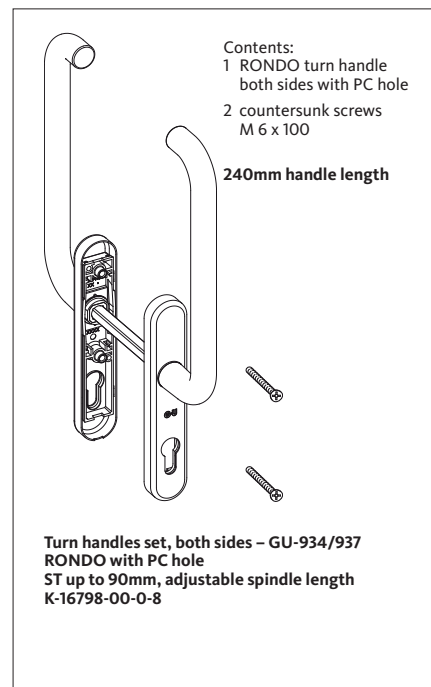
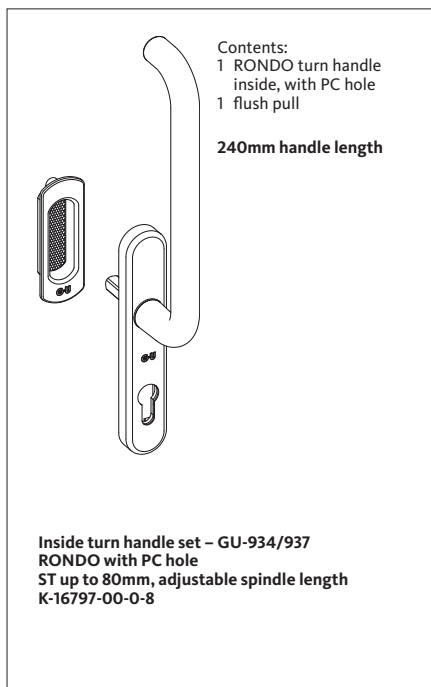
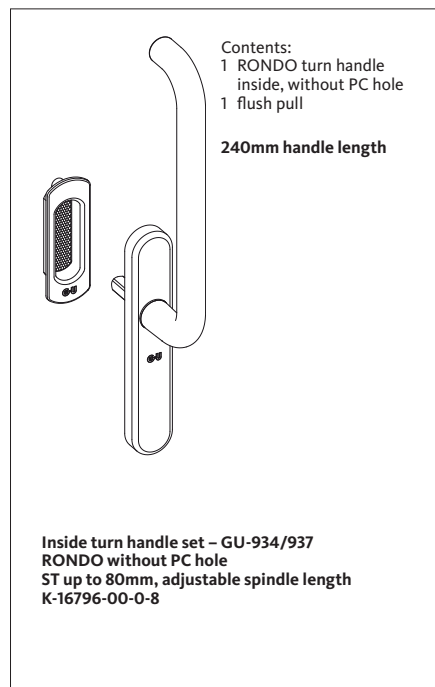


DIRIGENT turn handles – stainless steel



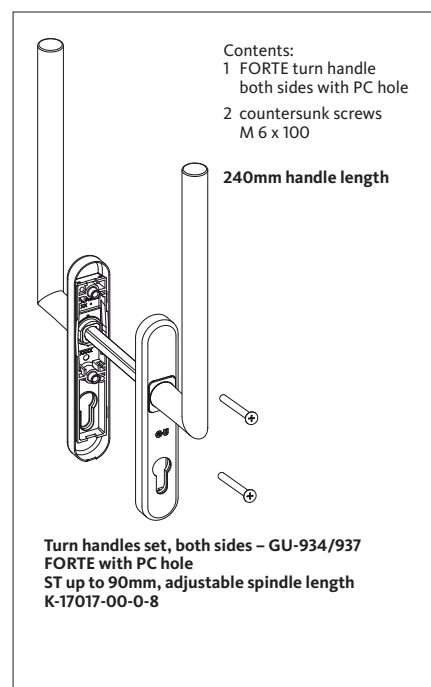
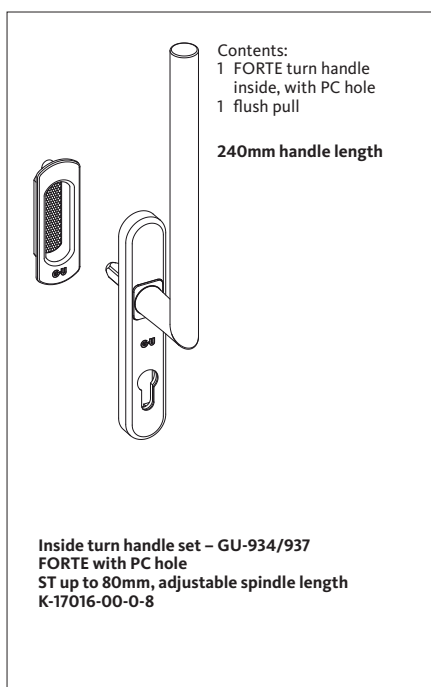
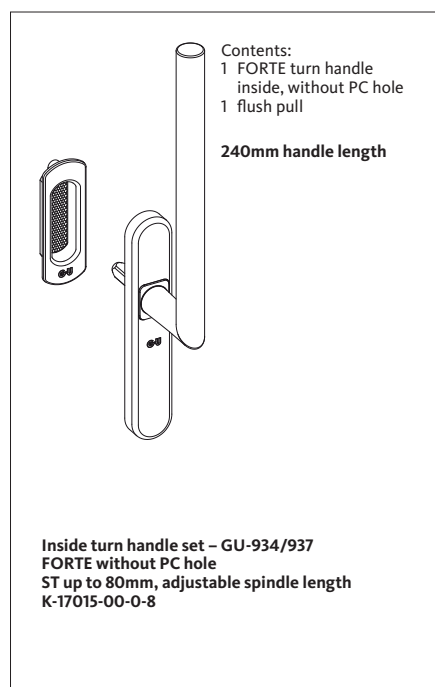


RONDO turn handles – stainless steel



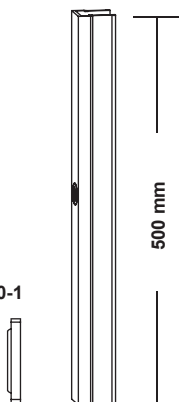
05
2

FORTE turn handles – stainless steel

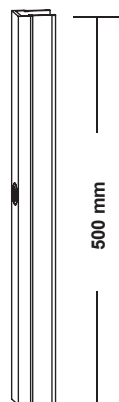




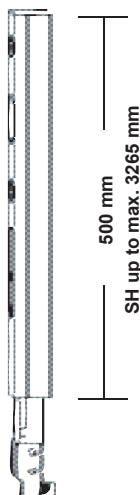
Joining plate
9-29261-00-0-1



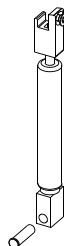
Cover rail extension
9-28483-05-0-*



Gear extension
6-32030-00-0-*

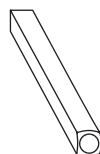


Handle dampener kit
for child safety
K-19053-00-0-6



* The combination of the dampening device with the tension spring is recommended for sashes above 200kg.

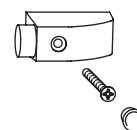
Tension spring for
sashes above 200kg
9-40235-05-0-0



10mm square spindle
ST 45-92 mm
9-24377-96-0-1



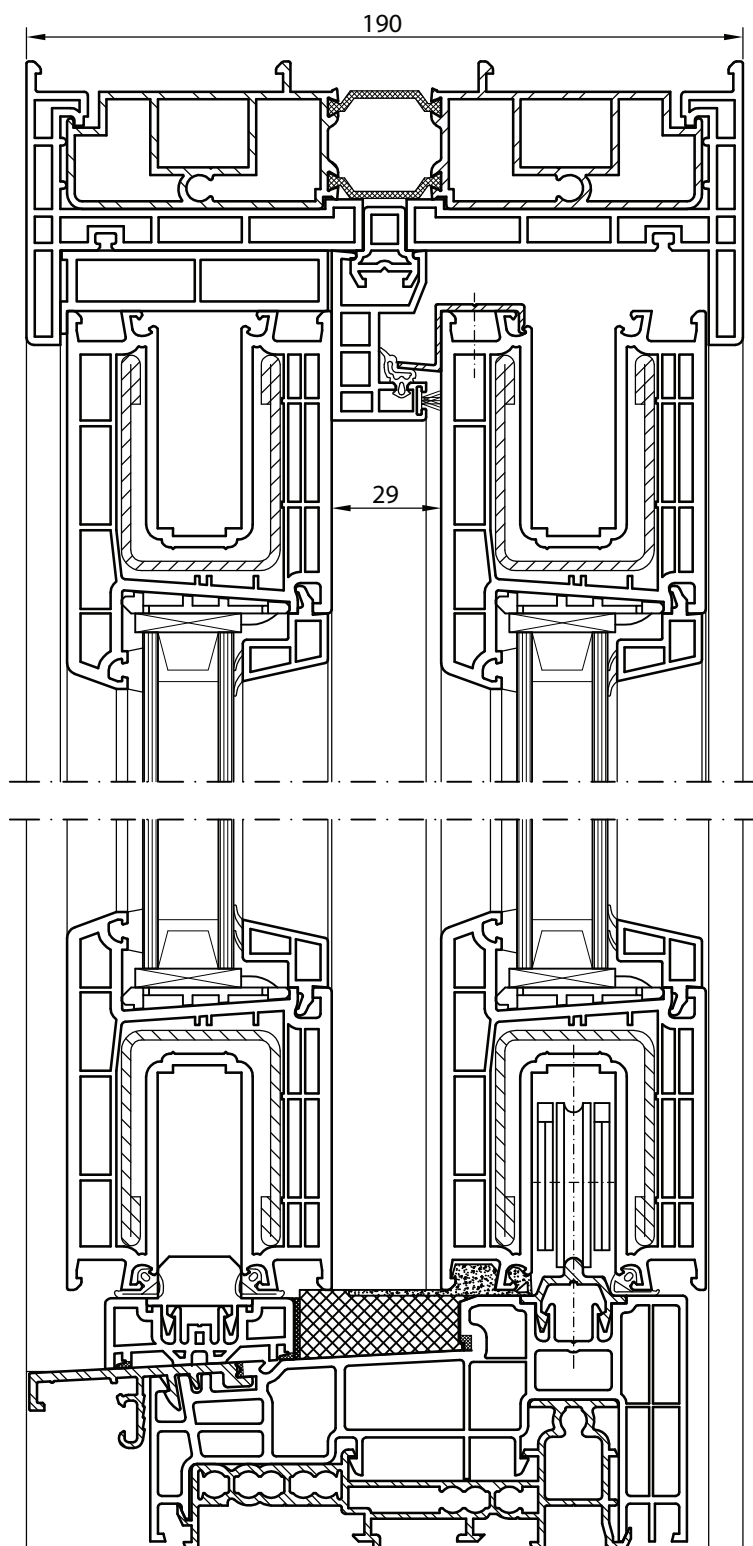
Countersunk screw
M 6
ST 45-92 mm
9-32789-10-0-1



Bumper #90 set
K-12024-00-0-*

GU-934/937 K Lift&Slide Hardware

REHAU Brillant Design S 785 Elevation



05
2

GU-934/937 K Lift&Slide Hardware

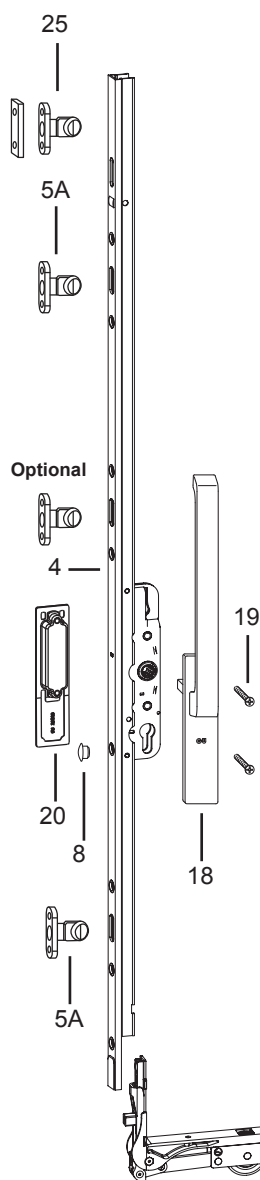
GU-934 Hardware, REHAU Brillant Design S 785, Schemes A & C



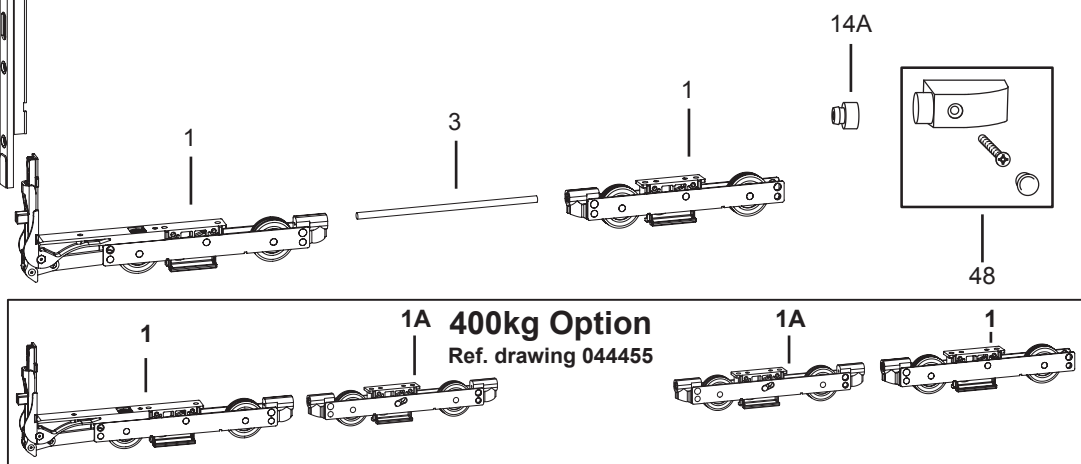
Pos.	Description	PU	Part Number	Qty.		Ref.
				A	C	
1	Box of runners GU-934	1	K-16488-00-0-**	1	2	A
1A	Additional box of runners – 400kg only	1	K-17804-01-0-**	1	2	
	Bag of additional hardware	1	K-16744-00-0-0	1	1	B
	Bag of lock bolt accessory, scheme C	1	K-17605-00-0-0	-	1	
	Handle inside GU-934/937					C
18	DIRIGENT handle without PZ	1	6-24608-00-0-*	1	2	
20	Flush pull	1	9-29992-01-0-*	1	2	
4	Lift-locking gear, 37.5mm backset					D
	Sash height = 865 - 1285, handle height 410	10	6-30021-11-0-*	1	2	
	Sash height = 1235 - 1865, handle height 410	10	6-30021-19-0-*			
	Sash height = 1865 - 2365, handle height 1010	10	6-30021-24-0-*			
	Sash height = 2115 - 2765, handle height 1010	10	6-30021-28-0-*			
3	Connecting rod Ø 8mm					F
	Sash width = 700 - 1670	1	9-25476-11-0-**	1	2	
	Sash width = 700 - 2420	1	9-25476-18-0-**			
	Sash width = 700 - 3300	1	9-25476-33-0-**			
48	Bag of stop 90°	1	K-12024-00-0-7	1	2	G

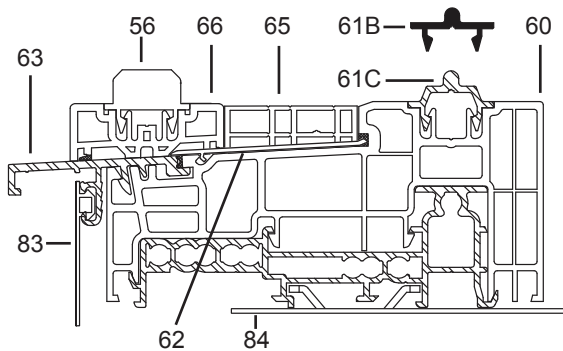
* = Finish : 1 = EV1 (Silver), 5 = UC5 (Dark Bronze), 7 = White (handle & pulls only)

** = Standard finish FerGUard (1); Additional anticorrosive finish available FaceGUard (18)



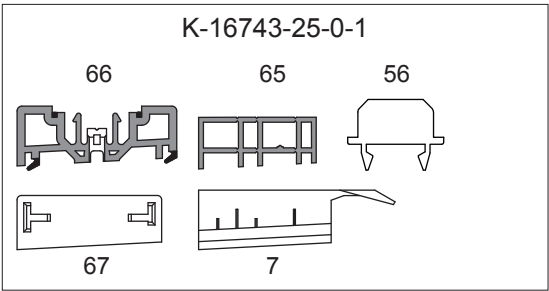
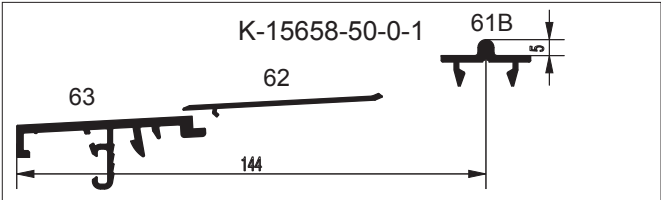
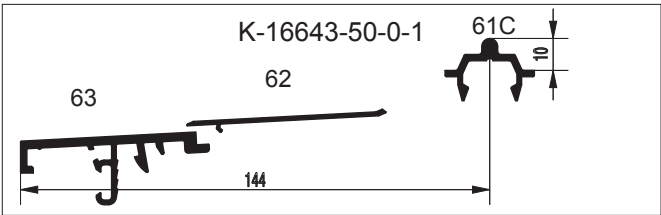
Pos.	Description	Pos.	Description
1	Box of runners	45	Cover rosette, outside
1A	Additional box of runners – 400kg	19	Handle screws M6
5A	Locking bolt 1	4	Lift-locking gear
25	Bag of locking bolt, scheme C	3	Connecting rod Ø 8mm
18	DIRIGENT handle without PZ	48	Bag of stop 90°
20	Flush pull	14A	Buffer N° 80
8	Cover PZ		





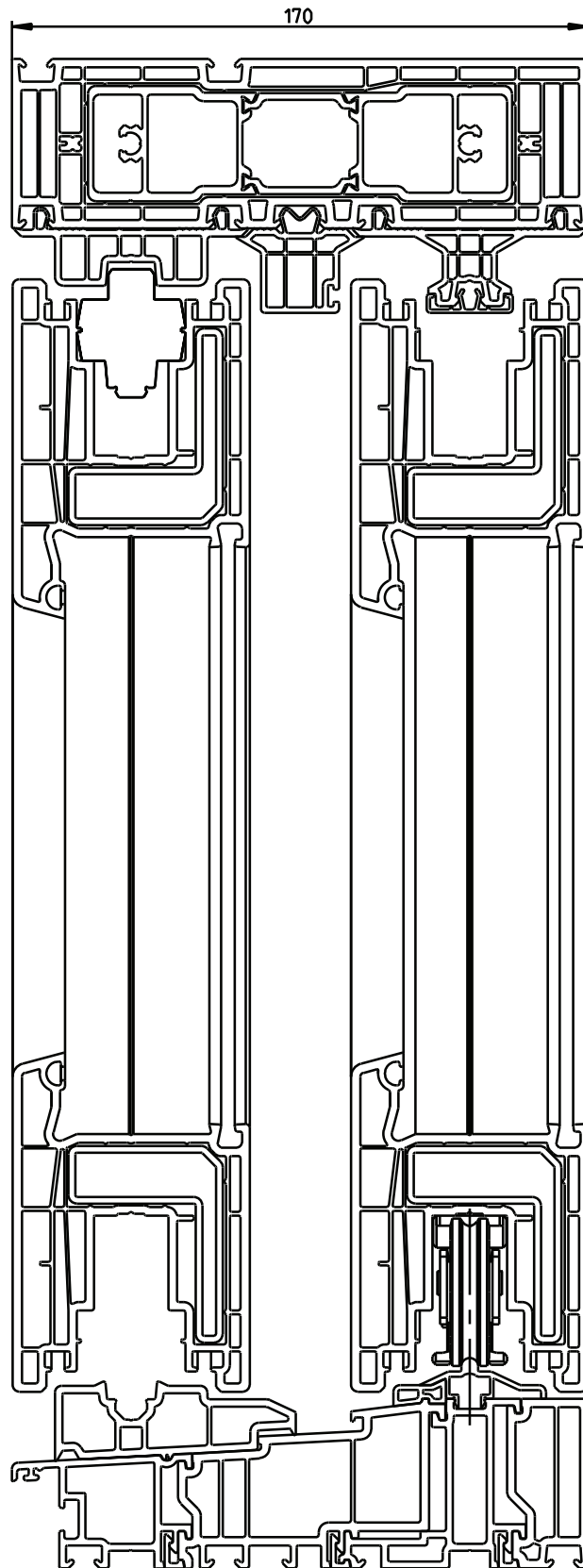
Pos.	Description	Pos.	Description
60	Thermostep base profile	56	Adapter
61B	Running rail 5mm	63	Drip rail
61C	Running rail 10mm	62	Tread threshold P 1642
65	Intermediate rail P 1677	83	Anti-moisture foil (50M)
66	Attachment track 1 P 1633	84	Packer (2 req. per meter)

10mm bottom track						
Pos.	Description	PU	Part Number	Qty.		Ref.
				A	C	
60	Thermostep base profile P 1632 (6.7M length)	1	6-29938-67-0-1	1	1	H
62	Tread threshold set	1	K-16643-50-0-1	1	1	
66	Attachment track	1	K-16743-25-0-1	1	2	
83	Anti-moisture foil (50M)	1	9-39737-25-0-6	1	1	
84	Packer (2 req. per meter)	1	9-43065-00-0-1	-	-	
5mm bottom track						
Pos.	Description	PU	Part Number	Qty.		Ref.
				A	C	
60	Thermostep base profile P 1632 (6.7M length)	1	6-29938-67-0-1	1	1	H
62	Tread threshold set	1	K-16568-50-0-1	1	1	
66	Attachment track	1	K-16743-25-0-1	1	2	
83	Anti-moisture foil (50M)	1	9-39737-25-0-6	1	1	
84	Packer (2 req. per meter)	1	9-43065-00-0-1	-	-	



GU-934/937 K Lift&Slide Hardware

VEKA Slide Elevation



GU-934/937 K Lift&Slide Hardware

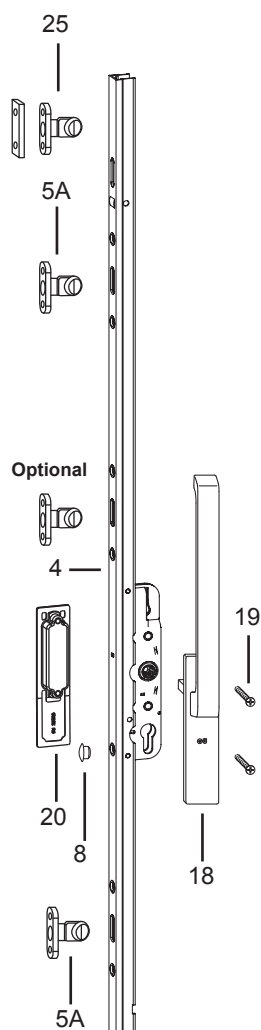
GU-934 Hardware, VEKA Slide, Schemes A & C



Pos.	Description	PU	Part Number	Qty.		Ref.
				A	C	
1	Box of runners GU-934	1	K-16488-00-0-**	1	2	A
1A	Additional box of runners – 400kg only	1	K-17804-01-0-**	1	2	
	Bag of additional hardware	1	K-18002-00-0-0	1	1	B
	Bag of lock bolt accessory, scheme C	1	K-18011-00-0-0	-	1	
	Handle inside GU-934/937					C
18	DIRIGENT handle without PZ	1	6-24608-00-0-*	1	2	
20	Flush pull	1	9-29992-02-0-*	1	2	
4	Lift-locking gear, 27.5mm backset					D
	Sash height = 865 - 1285, handle height 410	10	6-30019-11-0-*	1	2	
	Sash height = 1235 - 1865, handle height 410	10	6-30019-19-0-*			
	Sash height = 1865 - 2365, handle height 1010	10	6-30019-24-0-*			
	Sash height = 2115 - 2765, handle height 1010	10	6-30019-28-0-*			
3	Connecting rod Ø 8mm					F
	Sash width = 700 - 1670	1	9-25476-11-0-**	1	2	
	Sash width = 700 - 2420	1	9-25476-18-0-**			
	Sash width = 700 - 3300	1	9-25476-33-0-**			
48	Bag of stop 90°	1	K-12024-00-0-7	1	2	G

* = Finish : 1 = EV1 (Silver), 5 = UC5 (Dark Bronze), 7 = White (handle & pulls only)

** = Standard finish FerGUard (1); Additional anticorrosive finish available FaceGUard (18)



Pos.	Description	Pos.	Description
1	Box of runners	45	Cover rosette, outside
1A	Additional box of runners – 400kg	19	Handle screws M6
5A	Locking bolt 1	4	Lift-locking gear
25	Bag of locking bolt, scheme C	3	Connecting rod Ø 8mm
18	DIRIGENT handle without PZ	48	Bag of stop 90°
20	Flush pull	14A	Buffer N° 80
8	Cover PZ		

