



WINDOW TECHNOLOGY
DOOR TECHNOLOGY
AUTOMATIC ENTRANCE SYSTEMS
BUILDING MANAGEMENT SYSTEMS



WINDOW TECHNOLOGY – ORDER CATALOGUE



Lift&Slide hardware for PVC elements

Edition 04/2019

Securing technology for you



The Gretsch-Unitas group

Opening, moving, closing, securing – true to its motto "Securing technology for you", Gretsch-Unitas group provides groundbreaking solutions for window and door technology, automatic entrance systems and building management systems. With its system brands, the group delivers solutions for burglar inhibition at doors and windows, barrier-free construction, doors in escape and rescue routes through to bespoke facade solutions for projects.



Gretsch-Unitas GmbH Baubeschläge



The group of companies is headquartered at GU in Ditzingen where development, administration and production of state-of-the-art architectural hardware for window and door technology takes place. It is equipped with various flexible assembly areas, a state-of-the-art punching shop, and a galvanising and anodising plant.

BKS GmbH



BKS manufactures mechanical and electronic locking cylinders, locks and locking systems as well as panic locks for escape and rescue routes. Harmonised mechanical and electronic system solutions are available for access control.

FERCO International S.A.S.



Ferco is the biggest production site for window hardware in France. Ferco, a subsidiary of the Gretsch-Unitas group of companies, also provides customer care and distribution of all group products throughout France.



GU Automatic



GU Automatic offers innovative, secure and reliable solutions for automatic entrance systems and door automation, revolving doors, all-glass sliding walls, security curved sliding doors and controlled physical access.

ela-soft



By developing GEMOS, the successful facility management and organisation system, ela-soft has become an established market and technology leader in the building services sector.

Securing technology for you





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Alphacan Vision / GU-934 / Alphacan threshold

Application ranges

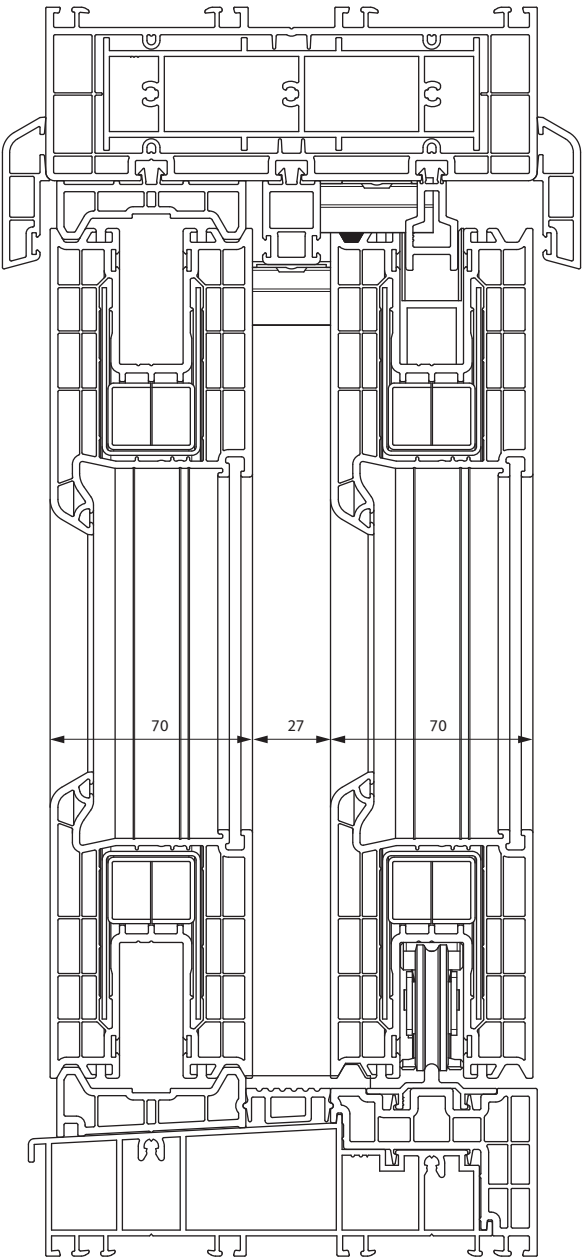


Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	864–2764 mm	300 kg	GU-934
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45552	from page 9
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

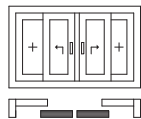
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



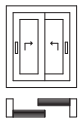
Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



- Pattern D**
- 2 Lift&Slide doors
 - Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear						

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm							
Pattern			Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D					
1	2	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
					faceGUard	1	9-25476-11-0-18
			1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
					faceGUard	1	9-25476-14-0-18
			1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
					faceGUard	1	9-25476-18-0-18
			2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
					faceGUard	1	9-25476-33-0-18

Spacer						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	Spacer	–	1	9-47295-12-0-1

Alphacan Vision / GU-934 / Alphacan threshold

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D				Cover rail	Lock case, connecting rod		
1	2	2	864 – 1284	1190	406.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18
			1234 – 1864	1770	406.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18
			1864 – 2364	2270	1006.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			2114 – 2764	2670	1006.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
						EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm									
1	2	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm									
1	2	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
						UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Optional: L&S buffer 90

Pattern			Designation	Finish	PU	Order no.
A	C	D				
2	4	2	L&S buffer 90	black	1	K-12024-00-0-6
				white, RAL 9016	1	K-12024-00-0-7

Contains: 1 x buffer 90, 1 x countersunk-head tapping screw, 1 x cover cap

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	Tension spring	–	1	9-40235-05-0-0

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S handle damper	–	1	K-19053-00-0-6

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
				UC 5 / dark bronze	1	K-16570-00-0-5

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device								
Pattern			Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	D						
1	2	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
				1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
				1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
				2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
				Stock length	4800	ferGUard	1	9-28355-48-0-1

Alphacan Vision / GU-934 / Alphacan threshold

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
				dark brown [2]	1	6-24606-00-0-5
				white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).						
[2] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
				dark brown [1]	1	9-29992-02-0-5
				white, RAL 9016	1	9-29992-02-0-7
[1] Similar to RAL 8022						

Fixing screw M6 x 70 mm						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
2	4	4	Fixing screw M6 x 70 mm	–	1	9-13274-70-R-1

Optional: accessories set, pattern A

Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	–	–	Accessories set, pattern A	–	1	K-17902-00-0-0

Contains: 2 x bridging gasket, 2 x frame cam, 13 x gasket plate, 1 x gasket, 1 x gasket pad, 2 x sash support plate, 6 x spacer, 1 x set of screws

Optional: accessories set, pattern C

Pattern			Designation	Finish	PU	Order no.
A	C	D				
–	1	–	Accessories set, pattern C	–	1	K-17904-00-0-0

Contains: 4 x bridging gasket, 2 x frame cam, 4 x countersunk screw, 2 x counter plate, 16 x gasket plate, 2 x gasket, 2 x gasket pad, 4 x sash support plate, 6 x spacer, 2 x set of screws

Optional: accessories set, pattern D

Pattern			Designation	Finish	PU	Order no.
A	C	D				
–	–	1	Accessories set, pattern D	–	1	K-17903-00-0-0

Contains: 3 x bridging gasket, 4 x frame cam, 13 x gasket plate, 2 x gasket, 2 x gasket pad, 4 x support plate, 6 x gasket part, 12 x spacer, 2 x set of screws

Alphacan Vision / GU-934 / GU-flatstep 164

Application ranges



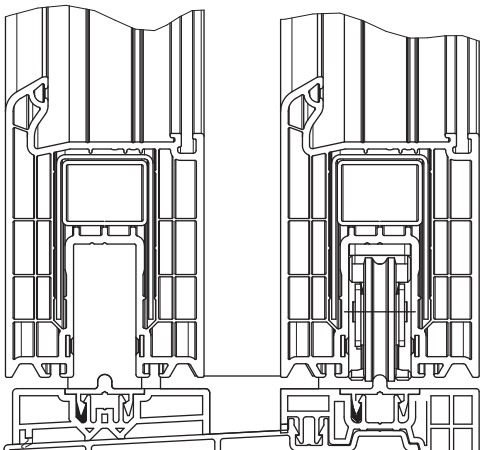
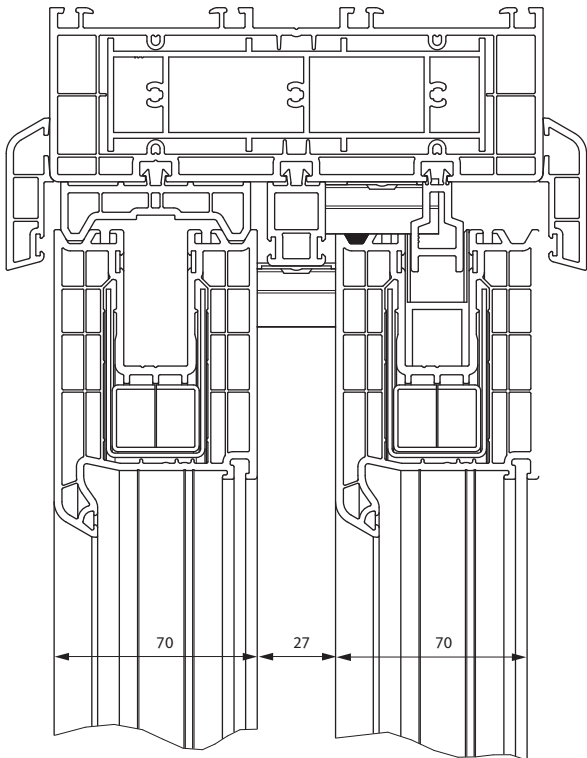
Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	864–2764 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45552	from page 15
GU-flatstep 164 threshold	0-45861	from page 18
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern D
2 Lift&Slide doors
Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	D				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	D					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Alphacan Vision / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	D				Cover rail	Lock case, connecting rod		
1	2	864 – 1284	1190	406.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1234 – 1864	1770	406.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1864 – 2364	2270	1006.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2114 – 2764	2670	1006.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic set Alphacan Vision, pattern A

Pattern		Designation	Finish	PU	Order no.
A	D				
1	1	Basic set Alphacan Vision, pattern A	black	1	K-18098-00-0-6
			white	1	K-18098-00-0-7

Contains: 2 x bridging gasket, 2 x frame cam, 2 x packer, 10 x gasket plate, 1 x gasket, 2 x support plate, 1 x gasket pad, 6 x spacer, 1 x set of screws

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	D					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	D					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	D					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	D					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	D					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Alphacan Vision / GU-934 / GU-flatstep 164

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	D					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	D				
1	1	Corner connectors	EV 1 / light grey	1	K-18102-00-0-1

Contains: 2 x corner connector, 6 x sheet-metal screw, 2 x gasket plate

Attachment track set Alphacan Vision

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	D					
1	–	Attachment track set Alphacan Vision	3300	EV 1 / light grey	1	K-18104-33-0-1

Contains: 1 x intermediate profile, 1 x accessories set, 1 x attachment track, 5 x spacer profile

Accessories set Alphacan Vision

Pattern		Designation	Finish	PU	Order no.
A	D				
1	–	Accessories set Alphacan Vision	–	1	K-18103-00-0-1

Contains: 2 x end cap, 3 x gasket plate

Attachment track set Alphacan Vision, pattern D

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	D					
–	1	Attachment track set Alphacan Vision, pattern D	3300	EV 1 / light grey	1	K-18106-33-0-1

Contains: 1 x intermediate profile, 1 x accessories set, 2 x attachment track

Accessories set Alphacan Vision, pattern D

Pattern		Designation	Finish	PU	Order no.
A	D				
–	1	Accessories set Alphacan Vision, pattern D	–	1	K-18105-00-0-1

Contains: 2 x end cap, 3 x gasket plate

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1]					
Pattern		Designation	Finish	PU	Order no.
A	D				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [2]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).					
[2] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	D				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
			dark brown [1]	1	9-29992-02-0-5
			white, RAL 9016	1	9-29992-02-0-7
[1] Similar to RAL 8022					

Fixing screw M6 x 70 mm					
Pattern		Designation	Finish	PU	Order no.
A	D				
2	4	Fixing screw M6 x 70 mm	–	1	9-13274-70-R-1

Aluplast HST 85 / GU-934 / GU-thermostep 204

Application ranges

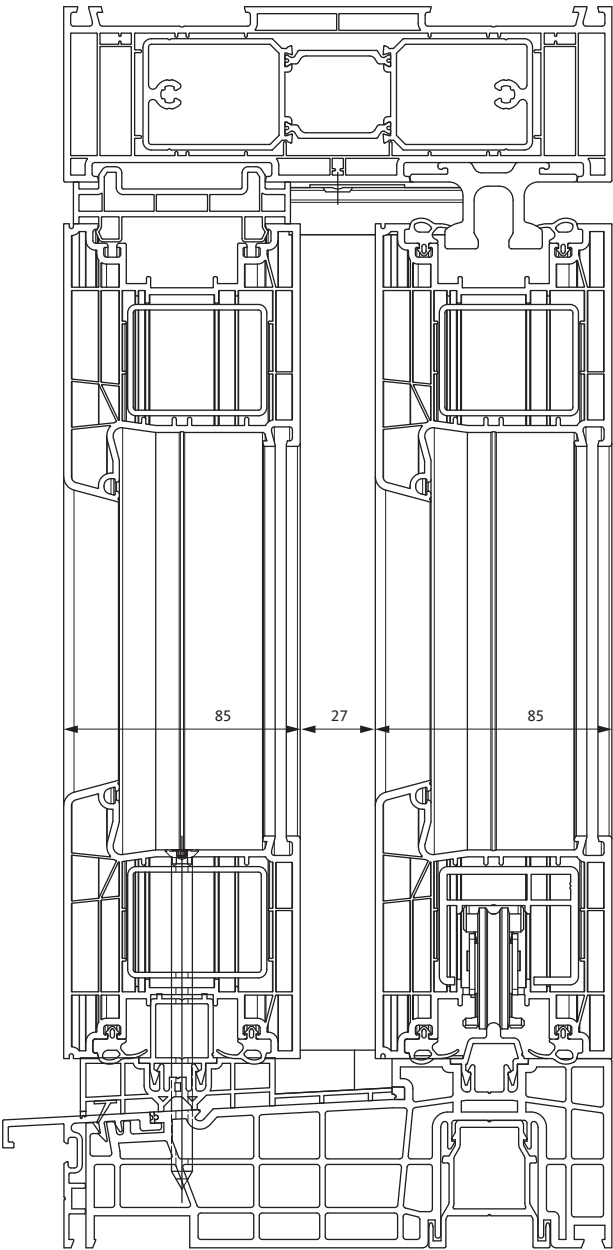


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720–3300 mm	825–2723 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46763	from page 21
GU-thermostep 204 threshold	0-46763	from page 24
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns

Pattern A 1 Lift&Slide door 1 fixed-glazed sash Fig.: sliding direction to the right	Pattern C 2 Lift&Slide doors 2 fixed-glazed sashes Fig: sliding direction to the right and left
Pattern D 2 Lift&Slide doors Fig: sliding direction to the right and left	Pattern F 4 Lift&Slide doors Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
					faceGUard	1	K-16488-00-0-18	
Contains: 1 x L&S bogie front, 1 x L&S bogie rear								

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	F					
1	2	2	4	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
					faceGUard	1	K-16488-00-0-18	
Contains: 1 x L&S bogie front, 1 x L&S bogie rear								
1	2	2	4	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1	
					faceGUard	1	K-17804-01-0-18	
Contains: 2 x L&S bogies, centre								

Rod Ø 8 mm									
Pattern					Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	F						
1	2	2	4	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1	
						faceGUard	1	9-25476-11-0-18	
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1	
						faceGUard	1	9-25476-14-0-18	
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1	
						faceGUard	1	9-25476-18-0-18	
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1	
						faceGUard	1	9-25476-33-0-18	

Aluplast HST 85 / GU-934 / GU-thermostep 204

Hardware requirements



Hardware required when using the 13 mm roller track P 2035

Lift&Slide gear, 37.5 mm backset										
Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D	F				Cover rail	Lock case, connecting rod		
1	2	2	4	833 – 1243	1190	409	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
							EV 1 / light gray	faceGUard	10	6-30021-11-0-18
				1193 – 1823	1770	409	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
							EV 1 / light grey	faceGUard	10	6-30021-19-0-18
				1823 – 2323	2270	1009	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
							EV 1 / light grey	faceGUard	10	6-30021-24-0-18
				2073 – 2723	2670	1009	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
							EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	2	4	max. 3223	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	2	4	max. 3223	500	–	EV 1 / light grey	–	10	9-28483-05-0-1
							UC 5 / dark bronze	–	10	9-28483-05-0-5

Basic hardware set Aluplast HST 85								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	Basic hardware set Aluplast HST 85	–	1	K-18832-00-0-0	
Contains: 2 x frame cam, 2 x rubber buffer, 1 x packer for L&S roller unit GU-934, 1 x PC screw-hole cover cap, gasket parts, fixing screws								

Counter plate and fixing screws for frame cam								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
–	2	–	2	Counterplate	–	1	9-24414-00-0-0	
–	4	–	4	Countersunk screw M5 x 45 mm	–	1	9-13089-45-R-1	
Note: use counter plate RC2 (order number 9-40544-00-0-0) with RC2 / RC2 N								

Optional: packer for frame cam									
Pattern				Designation	Finish	PU	Order no.		
A	C	D	F						
2	2	4	6	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8		
				Packer 1.0 mm	stainless steel	1	K-18309-02-0-8		
Contains: 10 x packer									

Hardware required when using the 13 mm roller track P 2035

L&S buffer 90								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
*	*	2	4	L&S buffer 90	black	1	K-13035-00-0-6	
					white	1	K-13035-00-0-7	

Contains: 1 x buffer, 1 x cover cap, fixing screws

*Optionally with pattern A and C

Optional: L&S profile-groove prop								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S profile-groove prop [1]	black	1	K-19563-00-0-6	

[1] required for 5 mm roller track, optional for 13 mm roller track

Optional: L&S bottom keeper								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S bottom keeper	ferGUard	1	K-12057-00-0-1	

Contains: 1 x L&S bottom keeper, fixing screws

Aluplast HST 85 / GU-934 / GU-thermostep 204

Threshold



Hardware required when using the 13 mm roller track P 2035

Base profile								
Pattern				Designation	Length [mm]	PU	Finish	Order no.
A	C	D	F					
1	1	1	1	GU-thermostep 204 base profile	3000	1	EV 1 / light grey	6-36035-30-0-1
					3500	1	EV 1 / light grey	6-36035-35-0-1
					4000	1	EV 1 / light grey	6-36035-40-0-1
					4500	1	EV 1 / light grey	6-36035-45-0-1
					5000	1	EV 1 / light grey	6-36035-50-0-1
					6700	1	EV 1 / light grey	6-36035-67-0-1

Attachment track set						
Pattern				Designation	Length [mm]	PU
A	C	D	F			
1	2	–	–	Attachment track set	1500	1
					2500	1

* Contains: 1 x attachment track 1, 1 x spacer profile

Accessories set for attachment track					PU	Finish
A	C	D	F	Designation	Order no.	
1	2	–	–	Accessories set for attachment track	1	–

Contains: end caps, gasket parts, fixing screws

Attachment track set with drip rail, pattern D						
Pattern				Designation	Length [mm]	PU
A	C	D	F			
–	–	1	2	Attachment track set with drip rail, pattern D	1500	1
					2500	1

* Contains: 2 x roller track, 1 x attachment track 1, 1 x attachment track 2, 1 x drip rail, gasket parts

Accessories set for attachment track, pattern D					PU	Finish
A	C	D	F	Designation	Order no.	
–	–	1	2	Accessories set for attachment track, pattern D	1	–

Contains: 1 x tread threshold, end caps, gasket parts, fixing screws

Tread threshold set						
Pattern				Designation	Length [mm]	PU
A	C	D	F			
1	1	1	1	Tread threshold set	3000	1
					4000	1
					5000	1

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Corner connection parts						
Pattern				Designation	PU	Finish
A	C	D	F			
1	1	1	1	Corner connectors set	1	grey

Contains: 2 x corner connector, gasket parts

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedges, 2 x levers, 2 x supports

L&S corner-drive with anti-jemmy device								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
					UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device								
Pattern				Designation	SW [mm]	Length [mm]	Finish	PU
A	C	D	F					
1	2	2	4	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
					1221 – 1720	1500	ferGUard	1
					1721 – 2020	1800	ferGUard	1
					2021 – 3000	2600	ferGUard	1
					Stock length	4800	ferGUard	1

Aluplast HST 85 / GU-934 / GU-thermostep 204

Hardware requirements



Hardware required when using the 5 mm roller track P 2103

Lift&Slide gear, 37.5 mm backset										
Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D	F				Cover rail	Lock case, connecting rod		
1	2	2	4	825 – 1235	1190	401	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
							EV 1 / light grey	faceGUard	10	6-30021-11-0-18
				1185 – 1815	1770	401	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
							EV 1 / light grey	faceGUard	10	6-30021-19-0-18
				1815 – 2315	2270	1001	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
							EV 1 / light grey	faceGUard	10	6-30021-24-0-18
				2065 – 2715	2670	1001	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
							EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	2	4	max. 3215	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	2	4	max. 3215	500	–	EV 1 / light grey	–	10	9-28483-05-0-1
							UC 5 / dark bronze	–	10	9-28483-05-0-5

Accessories set Aluplast HST 85 / LS5

Pattern				Designation	Finish	PU	Order no.
A	C	D	F				
1	2	–	–	Accessories set Aluplast HST 85	–	1	K-19356-00-0-1

Contains: 4 x packers for L&S bogie GU-934

Accessories set Aluplast HST 85 / LS5

Pattern				Designation	Finish	PU	Order no.
A	C	D	F				
–	–	1	2	Accessories set Aluplast HST 85, pattern D	–	1	K-19357-00-0-1

Contains: 8 x packers for L&S bogie GU-934, gasket parts

Counter plate and fixing screws for frame cam

Pattern				Designation	Finish	PU	Order no.
A	C	D	F				
–	2	–	2	Counterplate	–	1	9-24414-00-0-0
–	4	–	4	Countersunk screw M5 x 30 mm	–	1	9-13255-30-0-1

Note: use counter plate RC2 (order number 9-40544-00-0-0) with RC2 / RC2 N

Hardware required when using the 5 mm roller track P 2103

Optional: packer for frame cam							
Pattern				Designation	Finish	PU	Order no.
A	C	D	F				
2	2	4	6	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8
				Packer 1.0 mm	stainless steel	1	K-18309-02-0-8
Contains: 10 x packer							

Contains: 10 x packer

L&S buffer 90							
Pattern				Designation	Finish	PU	Order no.
A	C	D	F				
*	*	2	4	L&S buffer 90	black	1	K-13035-00-0-6
					white	1	K-13035-00-0-7

Contains: 1 x buffer, 1 x cover cap, fixing screws

*Optionally with pattern A and C

L&S profile-groove prop							
Pattern				Designation	Finish	PU	Order no.
A	C	D	F				
1	2	2	4	L&S profile-groove prop [1]	black	1	9-50751-00-0-6

[1] required for 5 mm roller track, optional for 13 mm roller track

Optional: L&S bottom keeper								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S bottom keeper	ferGUard	1	K-12057-00-0-1	

Contains: 1 x L&S bottom keeper, fixing screws

Aluplast HST 85 / GU-934 / GU-thermostep 204

Threshold



Hardware required when using the 5 mm roller track P 2103

Base profile								
Pattern				Designation	Length [mm]	PU	Finish	Order no.
A	C	D	F					
1	1	1	1	GU-thermostep 204 base profile	3000	1	EV 1 / light grey	6-36035-30-0-1
					3500	1	EV 1 / light grey	6-36035-35-0-1
					4000	1	EV 1 / light grey	6-36035-40-0-1
					4500	1	EV 1 / light grey	6-36035-45-0-1
					5000	1	EV 1 / light grey	6-36035-50-0-1
					6700	1	EV 1 / light grey	6-36035-67-0-1

Coupling piece									
Pattern				Designation	PU	Finish	Order no.		
A	C	D	F						
1	1	1	1	Coupling part set (from TFW 6701 mm)	1	–	K-18751-00-0-1		

Contains: 2 x end cap, 6 x gasket plate, fixing screws

Attachment track set with drip rail, pattern D								
Pattern				Designation	Length [mm]	PU	Finish	Order no.
A	C	D	F					
–	–	1	2	Attachment track set with drip rail, pattern D	1500	1	EV 1 / light grey	K-19358-15-0-1
					2500	1	EV 1 / light grey	K-19358-25-0-1
* Contains: 2 x roller track, 1 x attachment track 1, 1 x attachment track 2, 1 x drip rail, gasket parts								
Accessories set for attachment track, pattern D						PU	Finish	Order no.
–	–	1	2	Accessories set for attachment track, pattern D		1	–	K-18894-00-0-1
Contains: 1 x tread threshold, 2 x end cap, gasket parts, fixing screws								

Tread threshold set								
Pattern				Designation	Length [mm]	PU	Finish	Order no.
A	C	D	F					
1	1	1	1	Tread threshold set	3000	1	EV 1 / light grey	K-19355-30-0-1
					4000	1	EV 1 / light grey	K-19355-40-0-1
					5000	1	EV 1 / light grey	K-19355-50-0-1
Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail								

Corner connection parts						
Pattern				Designation	PU	Finish
A	C	D	F			
1	1	1	1	Corner connectors set	1	grey
Contains: 2 x corner connector, gasket parts						

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
					UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device								
Pattern				Designation	SW [mm]	Length [mm]	Finish	PU
A	C	D	F					
1	2	2	4	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
					1221 – 1720	1500	ferGUard	1
					1721 – 2020	1800	ferGUard	1
					2021 – 3000	2600	ferGUard	1
					Stock length	4800	ferGUard	1

Aluplast HST 85 / GU-934 / GU-thermostep 204

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1	
					dark brown [3]	1	6-24606-00-0-5	
					white, RAL 9016	1	6-24606-00-0-7	
1	2	2	4	DIRIGENT interior L&S turn handle, with PC hole	silver/EV 1 look	1	6-24607-00-0-1	
					dark brown [3]	1	6-24607-00-0-5	
					white, RAL 9016	1	6-24607-00-0-7	
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).								
[2] The fixing screws are contained in the basic hardware set for Aluplast HST 85 / order number K-18832-00-0-0.								
[3] Similar to RAL 8022								

L&S flush pull								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1	
					dark brown [1]	1	9-29992-01-0-5	
					white, RAL 9016	1	9-29992-01-0-7	
[1] Similar to RAL 8022								

Optionally: gasket plate								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	Gasket plate for L&S flush pull	black	1	9-47211-01-0-6	

Application example 2: L&S interior/exterior handle set

DIRIGENT L&S turn handle [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	DIRIGENT interior/exterior L&S turn handle set, with PC hole	silver/EV 1 look	1	6-24615-96-0-1	
					dark brown [2]	1	6-24615-96-0-5	
					white, RAL 9016	1	6-24615-96-0-7	
[1] The use of buffers is recommended. For order information refer to page 281.								
[2] Similar to RAL 8022								

Fixing screws								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
2	4	4	8	Countersunk screw M6 x 95 mm	–	1	9-13274-95-R-1	

Optionally: gasket plate								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	Gasket plate for exterior and interior L&S turn handle	black	1	9-47210-01-0-6	

Accessory requirements

HS SilentClose / HS StopUnit								
Pattern				Designation	SW [kg]	PU	Order no.	
A	C	D	F					
1	2	2	4	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6	
					up to 400	1	K-19463-00-0-6	
1	2	2	4	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6	
					up to 400	1	K-19955-00-0-6	
Accessories set								
1	2	2	4	HS SilentClose / HS StopUnit [2]		1	K-19493-00-0-1	
[1] Contains: 1 x damping unit								
[2] Contains: installation instructions, set of sheet-metal screws, packer for trigger part, packer for HS StopUnit, sign for HS StopUnit, set of accessories								

Accessories set HS SilentClose / HS StopUnit Aluplast HST 85								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	F					
1	2	2	4	Accessories set Aluplast HST 85	silver/EV 1 look	1	K-19493-00-0-1	
Contains: 1 x installation instructions, 3 x packer, 1 x guide, 1 x sign, 1 x set of accessories								

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Application ranges

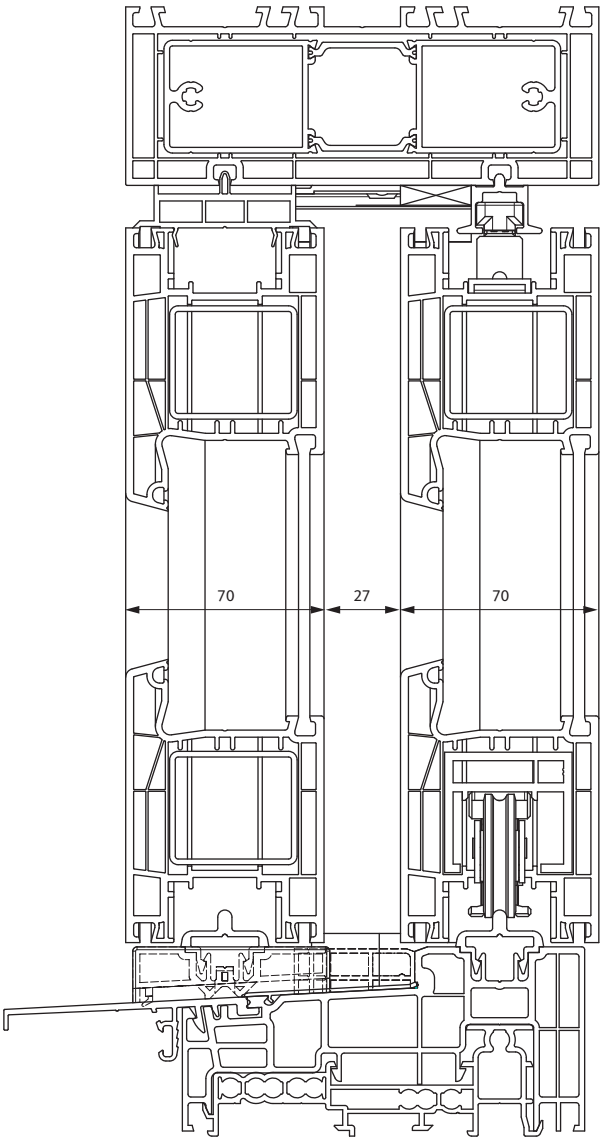


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700–3300 mm	864–2764 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44379	from page 33
GU-thermostep 164 threshold	0-44379	from page 36
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

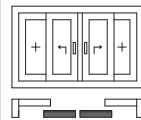
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
- Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
- Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Aluplast Ideal 4000 / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	864 – 1284	1190	406.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1234 – 1864	1770	406.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1864 – 2364	2270	1006.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2114 – 2764	2670	1006.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	–	10	9-28483-05-0-1
					UC 5 / dark bronze	–	10	9-28483-05-0-5

Basic hardware set Aluplast Ideal 4000

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Aluplast Ideal 4000	–	1	K-17431-00-0-0

Contains: 2 x frame cam, 4 x rubber buffer, 1 x packer, 2 x guide, 1 x slider, 1 x cover cap, gasket parts, fixing screws

Gasket part

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Gasket part	–	1	9-27821-00-0-0

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Aluplast Ideal 4000 / GU-934 / GU-thermostep 164

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Coupling piece

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Coupling part set (from TFW 6701 mm)	–	1	K-15432-00-0-1

Tread threshold set 13/175

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set 13/175	3000	EV 1 / light grey	1	K-15877-30-0-1
			4000	EV 1 / light grey	1	K-15877-40-0-1

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	1500	EV 1 / light grey	1	K-16395-15-0-1
			2500	EV 1 / light grey	1	K-16395-25-0-1

Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x roller track, end caps, gasket parts

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-16727-00-0-1

Contains: 2 x corner connector, fixing screws

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7
1	2	DIRIGENT interior L&S turn handle, with PC hole	silver/EV 1 look	1	6-24607-00-0-1
			dark brown [3]	1	6-24607-00-0-5
			white, RAL 9016	1	6-24607-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Aluplast Ideal 4000 / order number K-17431-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Optionally: gasket plate					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Gasket plate for L&S flush pull	black	1	9-47211-01-0-6

Aluplast Ideal 4000 / GU-934 / GU-thermostep 164

L&S turn handles



Application example 2: L&S interior/exterior handle set

DIRIGENT L&S turn handle [1]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior/exterior L&S turn handle set, with PC hole	silver/EV 1 look	1	6-24615-96-0-1
			dark brown [2]	1	6-24615-96-0-5
			white, RAL 9016	1	6-24615-96-0-7
[1] The use of buffers is recommended.					
[2] Similar to RAL 8022					

Fixing screws					
Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	Countersunk screw M6 x 95 mm	–	1	9-13274-95-R-1

Optionally: gasket plate					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Gasket plate for exterior and interior L&S turn handle	black	1	9-47210-01-0-6

Aluplast Ideal 4000 / GU-934 / GU-threshold 47

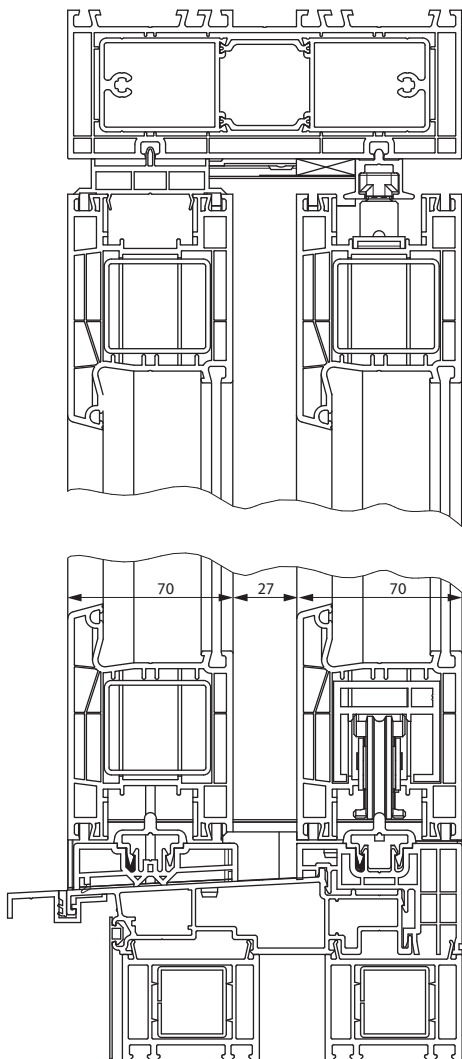
Application ranges



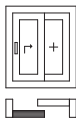
Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700–3300 mm	867–2764 mm	300 kg	GU-934
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44379	from page 41
GU-threshold 47 threshold	0-45251	from page 44
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

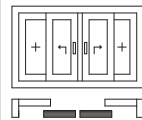
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
- Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
- Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Aluplast Ideal 4000 / GU-934 / GU-threshold 47

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	864 – 1284	1190	406.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light gray	faceGUard	10	6-30021-11-0-18
		1234 – 1864	1770	406.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1864 – 2364	2270	1006.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2114 – 2764	2670	1006.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Aluplast Ideal 4000								
Pattern		Designation			Finish	PU	Order no.	
A	C							
1	2	Basic hardware set Aluplast Ideal 4000			–	1	K-17431-00-0-0	
Contains: 1 x bridging gasket, 2 x frame cam, 2 x slider, 2 x countersunk screw, 4 x rubber buffer, 2 x guide, 2 x gasket plate, 1 x spacer, 1 x set of screws								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Aluplast Ideal 4000 / GU-934 / GU-threshold 47

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-threshold 47 base profile	5000	EV 1 / light grey	1	6-33848-50-0-1
			6700	EV 1 / light grey	1	6-33848-67-0-1

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-16727-01-0-1

Contains: 2 x corner connector, fixing screws

P 1690 roller track

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1690 roller track	5000	EV 1 / light grey	1	9-41254-50-0-1
			6700	EV 1 / light grey	1	9-41254-67-0-1

Attachment track set

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	3300	EV 1 / light grey	1	K-17707-33-0-1

Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x roller track, set of accessories 70

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Aluplast Ideal 4000 / order number K-17431-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Aluplast Ideal 4000 / GU-934 / GU-flatstep 164

Application ranges



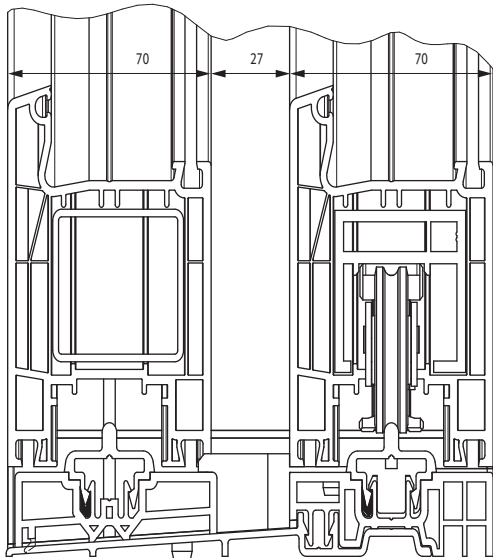
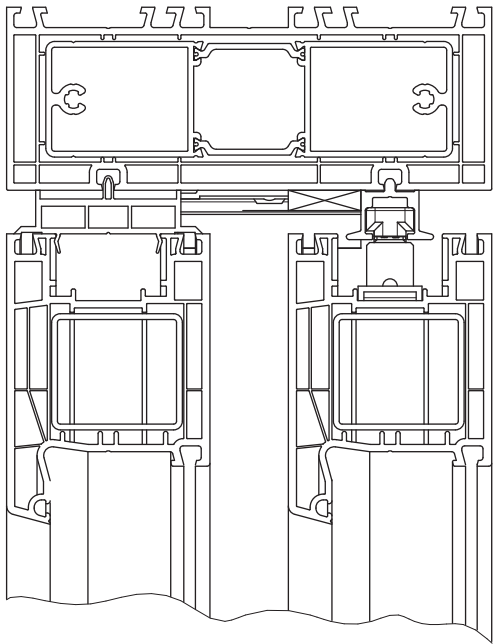
RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700–3300 mm	867–2764 mm	300 kg	GU-934

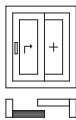
SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44379	from page 47
GU-flatstep 164 threshold	0-45434	from page 50
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

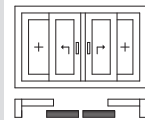
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Aluplast Ideal 4000 / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	864 – 1284	1190	406.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1234 – 1864	1770	406.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1864 – 2364	2270	1006.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2114 – 2764	2670	1006.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Aluplast Ideal 4000

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Aluplast Ideal 4000	–	1	K-17431-00-0-0

Contains: 1 x bridging gasket, 2 x frame cam, 2 x slider, 2 x countersunk screw, 4 x rubber buffer, 2 x guide, 2 x gasket plate, 1 x spacer, 1 x set of screws

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Aluplast Ideal 4000 / GU-934 / GU-flatstep 164

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1
				UC 5 / dark bronze	1	6-34948-67-0-5

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	3300 – 6700	EV 1 / light grey	1	K-17707-33-0-1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x roller track, set of accessories 70						

Corner connection parts					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-16727-01-0-1
Contains: 2 x corner connector, fixing screws					

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Aluplast Ideal 4000 / order number K-17431-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Deceuninck / GU-934 / GU-thermostep 164

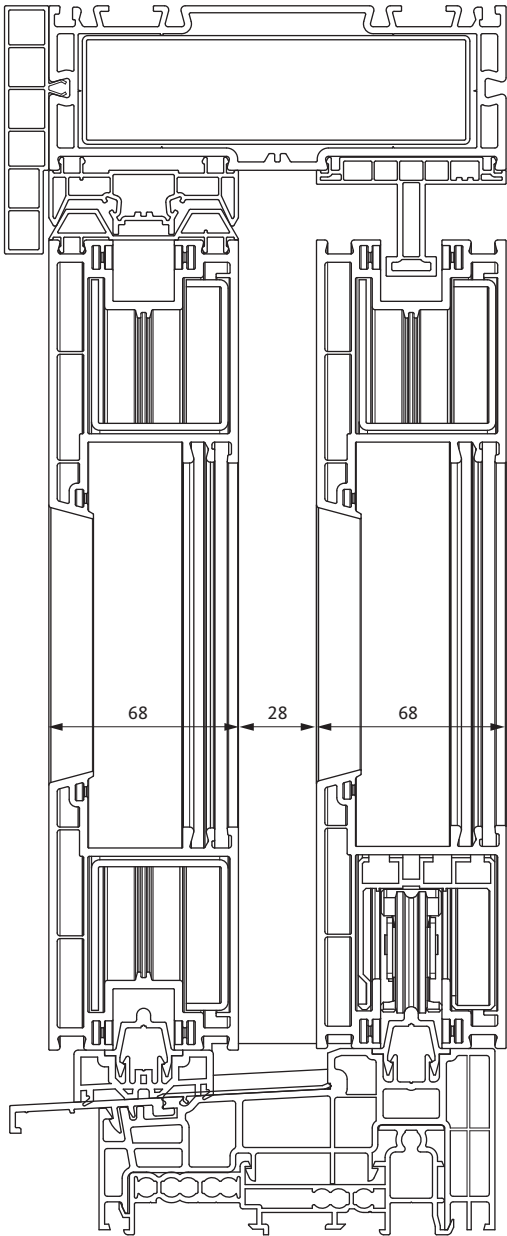
Application ranges



Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720–3300 mm	865–2765 mm	300 kg	GU-934
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44496	from page 53
GU-thermostep 164 threshold	0-44496	from page 55
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

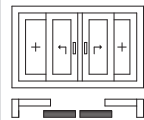
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Deceuninck / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	864 – 1285	1190	406	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1235 – 1865	1770	406	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1865 – 2365	2270	1006	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2115 – 2765	2670	1006	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Deceuninck

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Deceuninck	–	1	K-16630-00-0-0

Contains: 2 x frame cam, 2 x countersunk screw, 2 x cover cap

Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Tread threshold set 15/144						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set 15/144	3000	EV 1 / light grey	1	K-15655-30-0-1
			3500	EV 1 / light grey	1	K-15655-35-0-1
			4000	EV 1 / light grey	1	K-15655-40-0-1
			4500	EV 1 / light grey	1	K-15655-45-0-1
			5000	EV 1 / light grey	1	K-15655-50-0-1
				UC 5 / dark bronze	1	K-15655-50-0-5

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-16648-25-0-1

Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x roller track, set of accessories 70

Deceuninck / GU-934 / GU-thermostep 164

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	K13265-00-0-1
			dark brown [3]	1	K13265-00-0-5
			white, RAL 9016	1	K13265-00-0-7
1	2	DIRIGENT interior L&S turn handle, with PC hole	silver/EV 1 look	1	6-24607-00-0-1
			dark brown [3]	1	6-24607-00-0-5
			white, RAL 9016	1	6-24607-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).					
[2] Order number for M6 x 75 fixing screws for Dirigent L&S turn handle: 9-13274-75-0-1					
[3] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1
			dark brown [1]	1	9-29526-00-0-5
			white, RAL 9016	1	9-29526-00-0-7
[1] Similar to RAL 8022					

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6

[1] Contains: 1 x damping unit

Accessories set HS SilentClose / HS StopUnit					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set	black	1	K-19885-00-0-6

Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories

Deceuninck Monorail-Zendow / GU-934 / Deceuninck threshold

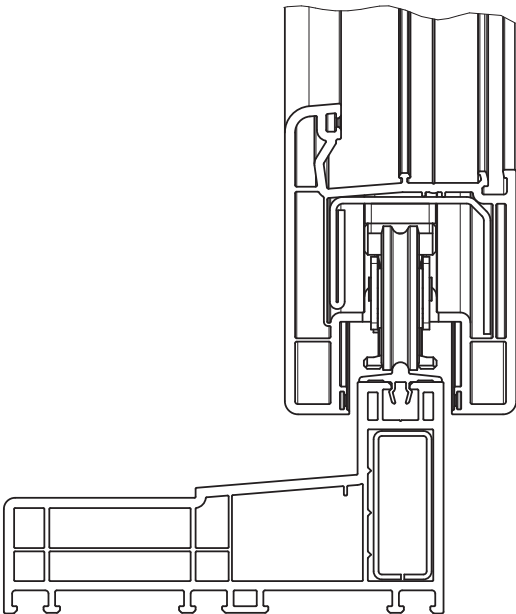
Application ranges



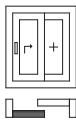
Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720–3300 mm	1830–2330 mm	300 kg	GU-934
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44497	from page 59
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

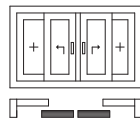
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



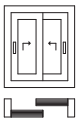
Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



Pattern D
2 Lift&Slide doors
Fig: sliding direction to the right and left

Deceuninck Monorail-Zendow / GU-934 / Deceuninck threshold

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	D			
1	2	2	700 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard
			700 – 1600	1100	ferGUard
					faceGUard

Deceuninck Monorail-Zendow / GU-934 / Deceuninck threshold

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D				Cover rail	Lock case, connecting rod		
1	2	2	864 – 1285	1190	406	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18
			1235 – 1865	1770	406	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18
			1865 – 2365	2270	1006	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			2115 – 2765	2670	1006	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
						EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm									
1	2	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm									
1	2	2	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
						UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Deceuninck

Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	Basic hardware set Deceuninck	–	1	K-17085-00-0-0

Contains: 2 x frame cam, 2 x countersunk-head tapping screw, 2 x cover cap, 2 x packer

Optional: third frame cam

Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	1	1	Frame cam	–	1	6-22648-03-0-8

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
				dark brown [3]	1	6-24608-00-0-5
				white, RAL 9016	1	6-24608-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware set for Deceuninck Monorail-Zendow / order number K-17085-00-0-0. [3] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022						

Deceuninck Monorail-Zendow / GU-934 / Deceuninck threshold

L&S turn handles



Application example 2: L&S interior/exterior handle set

DIRIGENT L&S turn handle [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	DIRIGENT interior/exterior L&S turn handle set, without PC hole	silver/EV 1 look	1	6-24615-00-0-1
				dark brown [2]	1	6-24615-00-0-5
				white, RAL 9016	1	6-24615-00-0-7
[1] The use of buffers is recommended.						
[2] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022						

Fixing screws						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
2	4	4	Countersunk screw M6 x 80 mm	–	1	9-13283-80-R-8

Optional: L&S buffer 90						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
*	*	*	L&S buffer 90	black	1	K-12024-00-0-6
				white, RAL 9016	1	K-12024-00-0-7
*Optionally with pattern A, C and D						

Deceuninck HS476 / GU-934 / Inoutic threshold

Inoutic HS476 / GU-934 / Inoutic threshold

Application ranges

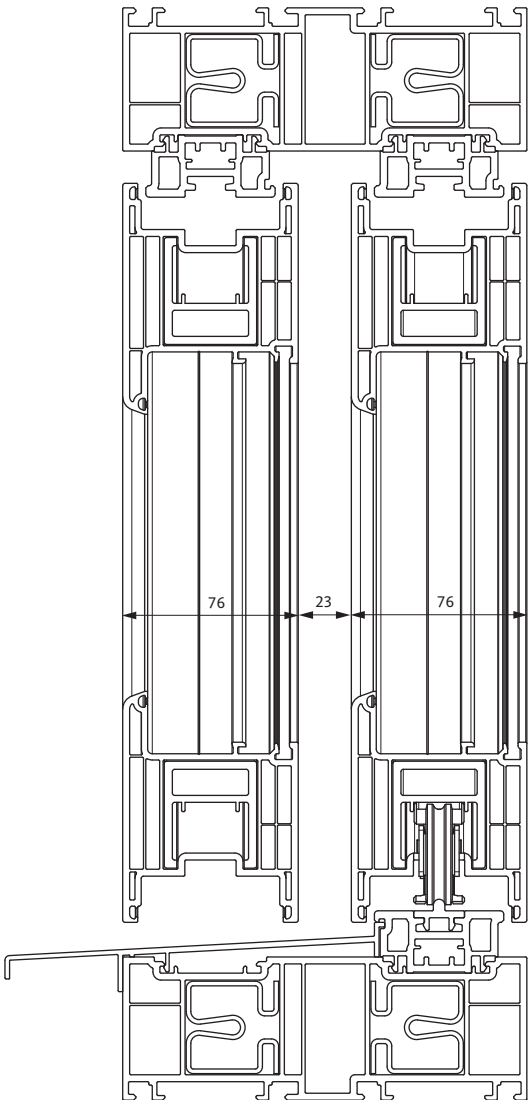


Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720–3300 mm	1795–2695 mm	300 kg	GU-934
		400 kg	GU-934 Tandem
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-47054	from page 65
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

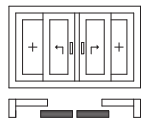
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



- Pattern D**
- 2 Lift&Slide doors
 - Fig: sliding direction to the right and left

Deceuninck HS476 / GU-934 / Inoutic threshold

Inoutic HS476 / GU-934 / Inoutic threshold



Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	D			
1	2	2	720 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						
1	2	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
				faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre						

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	D			
1	2	2	1230 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard

Deceuninck HS476 / GU-934 / Inoutic threshold

Inoutic HS476 / GU-934 / Inoutic threshold

Hardware requirements



Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D				Cover rail	Lock case, connecting rod		
1	2	2	1795 – 2295	2270	1005.5	EV 1 / light grey	ferGUard	10	6-38608-24-0-1
			2296 – 2695	2670	1005.5	EV 1 / light grey	ferGUard	10	6-38608-28-0-1

Basic hardware set Inoutic HS476

Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	Basic hardware set Inoutic	–	1	K-19258-00-0-0

Contains: 2 x frame cam, 2 x countersunk screw, 2 x rubber buffer, 1 x spacer, 1 x set of screws

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
				dark brown [3]	1	6-24606-00-0-5
				white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware set for Deceuninck HS476 / order number K-19258-00-0-0. [3] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	D				
1	2	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1
				dark brown [1]	1	9-29526-00-0-5
				white, RAL 9016	1	9-29526-00-0-7
[1] Similar to RAL 8022						

Accessory requirements

HS SilentClose / HS StopUnit						
Pattern			Designation	SW [kg]	PU	Order no.
A	C	D				
1	2	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
				up to 400	1	K-19463-00-0-6
1	2	2	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
				up to 400	1	K-19955-00-0-6
Accessories set						
1	2	2	HS SilentClose / HS StopUnit [2]		1	K-19885-00-0-6
[1] Contains: 1 x damping unit						
[2] Contains: installation instructions, set of sheet-metal screws, packer for trigger part, packer for HS StopUnit, sign for HS StopUnit, set of accessories						

Gealan S 9000 / GU-934 / GU-thermostep 204

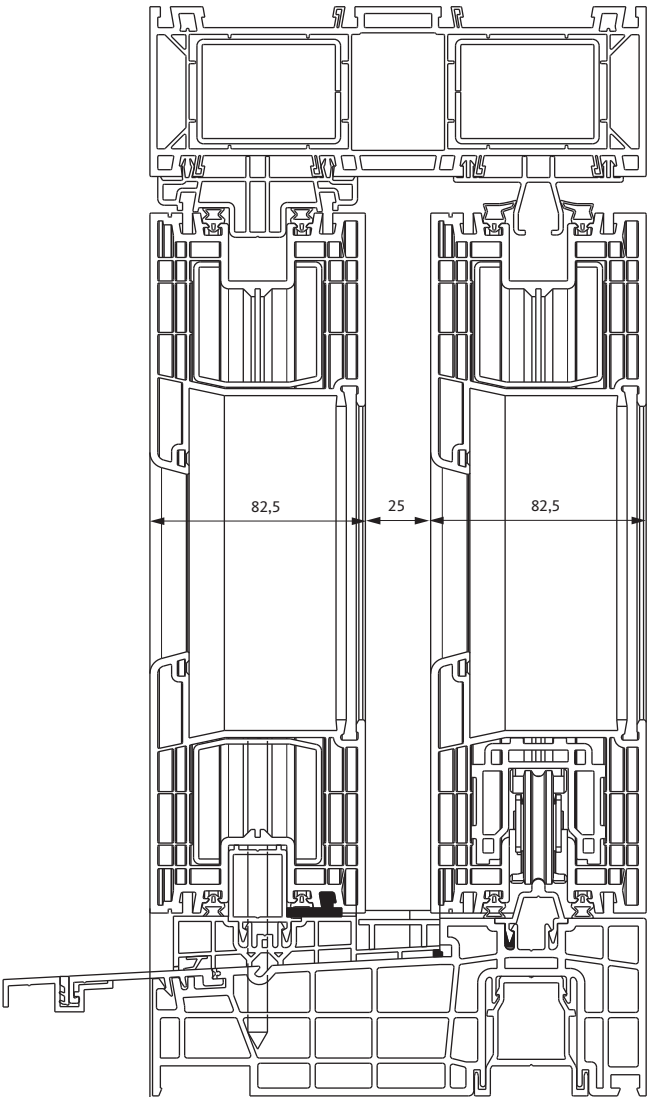
Application ranges



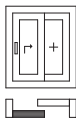
Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720–3300 mm	840–2740 mm	300 kg	GU-934
		400 kg	GU-934 Tandem
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46855	from page 69
GU-thermostep 204 threshold	0-46855	from page 73
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

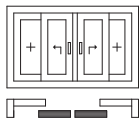
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



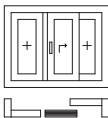
Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



- Pattern G3 symmetrical**
- 1 Lift&Slide door
 - 2 fixed-glazed sashes
 - Fig.: sliding direction to the right



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						

Rod Ø 8 mm							
Pattern			Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G3					
1	2	1	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
					faceGUard	1	9-25476-11-0-18
			1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
					faceGUard	1	9-25476-14-0-18
			1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
					faceGUard	1	9-25476-18-0-18
			2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
					faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						
1	2	1	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
				faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre						

Rod Ø 8 mm							
Pattern			Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G3					
1	2	1	1210 – 1600	1100	ferGUard	1	9-25476-11-0-1
					faceGUard	1	9-25476-11-0-18
			1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
					faceGUard	1	9-25476-14-0-18
			1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
					faceGUard	1	9-25476-18-0-18
			2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
					faceGUard	1	9-25476-33-0-18

Gealan S 9000 / GU-934 / GU-thermostep 204

Hardware requirements



Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G3				Cover rail	Lock case, connecting rod		
1	2	1	830 – 1250	1190	408.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18
			1200 – 1830	1770	408.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18
			1830 – 2330	2270	1008.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			2080 – 2730	2670	1008.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
						EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm									
1	2	1	max. 3230	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm									
1	2	1	max. 3230	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
						UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Gealan S 9000						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	Basic hardware set Gealan S 9000	–	1	K-19022-00-0-0
Contains: 2 x frame cam, 2 x rubber buffer, 1 x set of screws Gealan S 9000 LS 15, 2 x countersunk screw, 4 x spacing bush						

Fixing of frame cam						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
–	4	4	Countersunk screw M5 x 45 for frame cam	silver/EV 1 look	1	9-13255-45-R-1
–	2	2	Counter plate for frame cam, pattern C	–	1	9-24414-00-0-0
Note: use counter plate RC2 (order number 9-40544-00-0-0) with RC2 / RC2 N						

Counter plate and fixing screws for frame cam					
Pattern			Designation	Finish	PU
A	C	G3			
–	2	–	Counterplate	–	1
–	2	–	Countersunk screw M5 x 45 mm	–	1

Note: use counter plate RC2 (order number 9-40544-00-0-0) with RC2 / RC2 N

Optional: packer for frame cam					
Pattern			Designation	Finish	PU
A	C	G3			
2	2	2	Packer 0.5 mm	stainless steel	1
			Packer 1.0 mm	stainless steel	1

Contains: 10 x packer

Optional: L&S buffer 90					
Pattern			Designation	Finish	PU
A	C	G3			
*	*	*	L&S buffer 90	black	1
				white	1

Contains: 1 x buffer, 1 x cover cap, fixing screws

*Optionally with pattern A, C and G3

Optional: P 1951 "Comfort profile"					
Pattern			Designation	Length [mm]	Finish
A	C	G3			
*	*	*	P 1951 "Comfort profile"	3300	EV 1 / light grey

*Optionally with pattern A, C and G3

Gealan S 9000 / GU-934 / GU-thermostep 204

Optional additional components



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]							
Pattern			Designation	Finish	PU	Order no.	
A	C	G3					
1	2	1	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces							

L&S handle damper [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	L&S handle damper	–	1	K-19053-00-0-6
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash						

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1
Contains: 2 x wedges, 2 x levers, 2 x supports						

L&S corner-drive with anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
				UC 5 / dark bronze	1	K-16570-00-0-5
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw						

P 959 connecting rod for L&S anti-jemmy device								
Pattern			Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	G3						
1	2	1	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
				1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
				1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
				2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
				Stock length	4800	ferGUard	1	9-28355-48-0-1

Base profile						
Pattern			Designation	Length [mm]	Finish	PU
A	C	G3				
1	1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1
				3500	EV 1 / light grey	1
					UC 5 / dark bronze	1
				4000	EV 1 / light grey	1
				4500	EV 1 / light grey	1
				5000	EV 1 / light grey	1
					UC 5 / dark bronze	1
				6700	EV 1 / light grey	1
					UC 5 / dark bronze	1

Tread threshold set Gealan S 9000						
Pattern			Designation	Length [mm]	Finish	PU
A	C	G3				
1	1	1	Tread threshold set 13/175	3000	EV 1 / light grey	1
				3500	EV 1 / light grey	1
				4000	EV 1 / light grey	1
				4500	EV 1 / light grey	1
				5000	EV 1 / light grey	1

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set Gealan S 9000 [1]						
Pattern			Designation	Length [mm]	Finish	PU
A	C	G3				
1	2	2	Attachment track set Gealan S 9000	1500	EV 1 / light grey	1
				2000	EV 1 / light grey	1
				2500	EV 1 / light grey	1

Set accessories attachment track Gealan S 9000 [2]

1	2	2	Set accessories attachment track Gealan S 9000	EV 1 / light grey	1	K-19366-00-0-1
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[1] Contains: 1 x attachment track 1, 1 x spacer profile
[2] Contains: 2 x end cap, 6 x gasket plate

Corner connection parts						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	1	1	Corner connectors set	grey	1	K-19023-00-0-1

Contains: 2 x corner connector, 3 x gasket plate

Gealan S 9000 / GU-934 / GU-thermostep 204

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
				dark brown [1]	1	6-24606-00-0-5
				white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).						
[2] The fixing screws are contained in the basic hardware for Gealan S 9000 / order number K-19022-00-0-0.						
[3] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022						

Optionally: gasket plate						
Pattern			Designation	Finish	PU	Order no.
A	C	G3				
1	2	1	Gasket plate for exterior L&S flush pull	black	1	9-47211-01-0-6
1	2	1	Gasket plate for exterior L&S turn handle	black	?	9-47210-01-0-6

Optional: L&S night vent module							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G3					
1	-	-	Gealan S 9000 L&S night vent module [1]	1770	silver/EV 1 look	1	K-18065-19-0-1
				2270	silver/EV 1 look	1	K-18065-24-0-1
				2670	silver/EV 1 look	1	K-18065-28-0-1
L&S night vent module accessories							
1	-	-	Gealan S 9000 L&S night vent module accessories [2]			1	K-19191-00-0-1
[1] Contains: 1 x L&S night vent module, 14 x ABC Spax-S, 2 x gasket profile							
[2] Contains: 6 x countersunk-head tapping screw, 1 x end cap, 1 x filler piece, 3 x gasket plate							

HS SilentClose / HS StopUnit						
Pattern			Designation	SW [kg]	PU	Order no.
A	C	G3				
1	2	1	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
				up to 400	1	K-19463-00-0-6
1	2	1	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
				up to 400	1	K-19955-00-0-6
Accessories set						
1	2	1	HS SilentClose / HS StopUnit [2]		1	K-19886-00-0-6
[1] Contains: 1 x damping unit						
[2] Contains: installation instructions, set of sheet-metal screws, packer for trigger part, packer for HS StopUnit, sign for HS StopUnit, set of accessories						

Gealan S 8000 / GU-934 / GU-thermostep 164

Application ranges



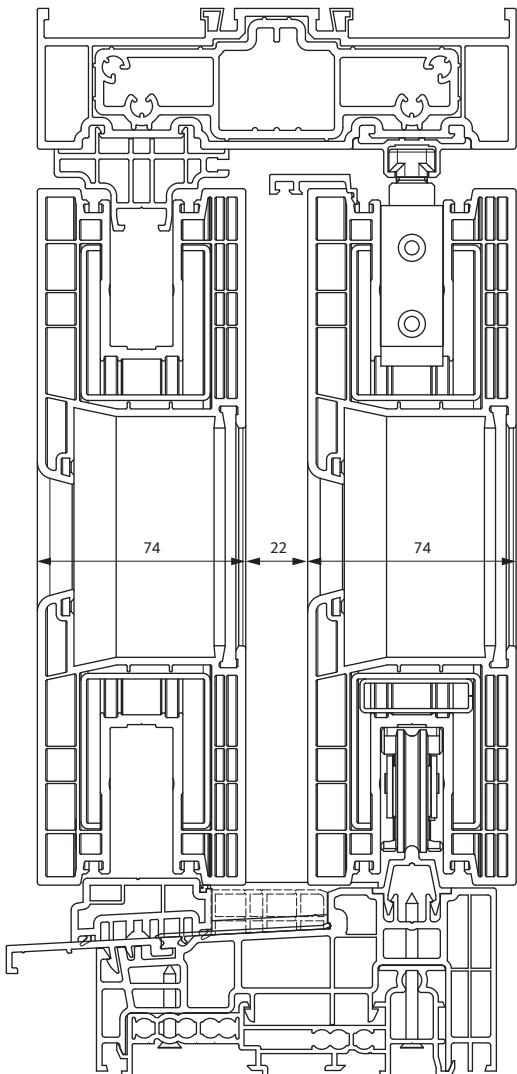
RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700–3300 mm	859–2759 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44368	from page 77
GU-thermostep 164 threshold	0-44368	from page 80
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

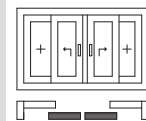
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



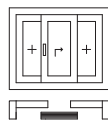
Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



Pattern G1 symmetrical
1 Lift&Slide door
2 fixed-glazed sashes
Fig.: sliding direction to the right



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	G1			
1	2	1	700 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						
1	2	1	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
				faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre						

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	G1			
1	2	1	1210 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard

Gealan S 8000 / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	859– 1279	1190	409	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18
			1229 – 1859	1770	409	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18
			1860 – 2359	2270	1009	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			2109 – 2759	2670	1009	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
						EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm									
1	2	1	max. 3259	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm									
1	2	1	max. 3259	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
						UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Gealan S 8000

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	Basic hardware set Gealan S 8000	–	1	K-16778-00-0-0

Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x rubber buffer, 2 x guide, 2 x distance profile, 6 x spacer, 1 x set of screws

L&S locking set for pattern G1

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
–	–	1	L&S locking set for pattern G1	–	1	K-17784-00-0-0

Contains: 1 x rod, 1 x adjusting ring, 1 x slider, 1 x latch lever, 1 x rivet bolt, 1 x compression spring, 1 x striker, 1 x guide plate, 1 x spacer, 1 x safety guide

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	Tension spring	–	1	9-40235-05-0-0

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S handle damper	–	1	K-19053-00-0-6

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1

Contains: 2 x wedges, 2 x levers, 2 x supports

L&S corner-drive with anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
				UC 5 / dark bronze	1	K-16570-00-0-5

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device								
Pattern			Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1						
1	2	–	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
				1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
				1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
				2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
				Stock length	4800	ferGUard	1	9-28355-48-0-1

Gealan S 8000 / GU-934 / GU-thermostep 164

Threshold



Base profile							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
				3500	EV 1 / light grey	1	6-29938-35-0-1
				4000	EV 1 / light grey	1	6-29938-40-0-1
				4500	EV 1 / light grey	1	6-29938-45-0-1
				5000	EV 1 / light grey	1	6-29938-50-0-1
				6700	EV 1 / light grey	1	6-29938-67-0-1
					UC 5 / dark bronze	1	6-29938-67-0-5
Tread threshold set Gealan S 8000							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	1	1	Tread threshold set 15/144	3000	EV 1 / light grey	1	K-15655-30-0-1
				4000	EV 1 / light grey	1	K-15655-40-0-1
				5000	EV 1 / light grey	1	K-15655-50-0-1
					UC 5 / dark bronze	1	K-15655-50-0-5
Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail							
P 903 guide track							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	1	1	P 903 guide track	6700	UC 5 / dark bronze	1	9-27190-67-0-5
Corner connection parts							
Pattern			Designation	Finish	PU	Order no.	
A	C	G1					
1	1	1	Corner connectors set	grey	1	K-17116-00-0-1	
Contains: 2 x corner connector, 8 x sheet-metal screw, 4 x pan-head screw							
Attachment track set							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	2	1	Attachment track set	2500	EV 1 / light grey	1	K-16393-25-0-1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories							

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
				dark brown [3]	1	6-24606-00-0-5
				white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).

[2] The fixing screws are contained in the basic hardware for Gealan S 8000 / order number K-16778-00-0-0.

[3] Similar to RAL 8022

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022						

Gealan S 8000 / GU-934 / GU-threshold 47

Application ranges

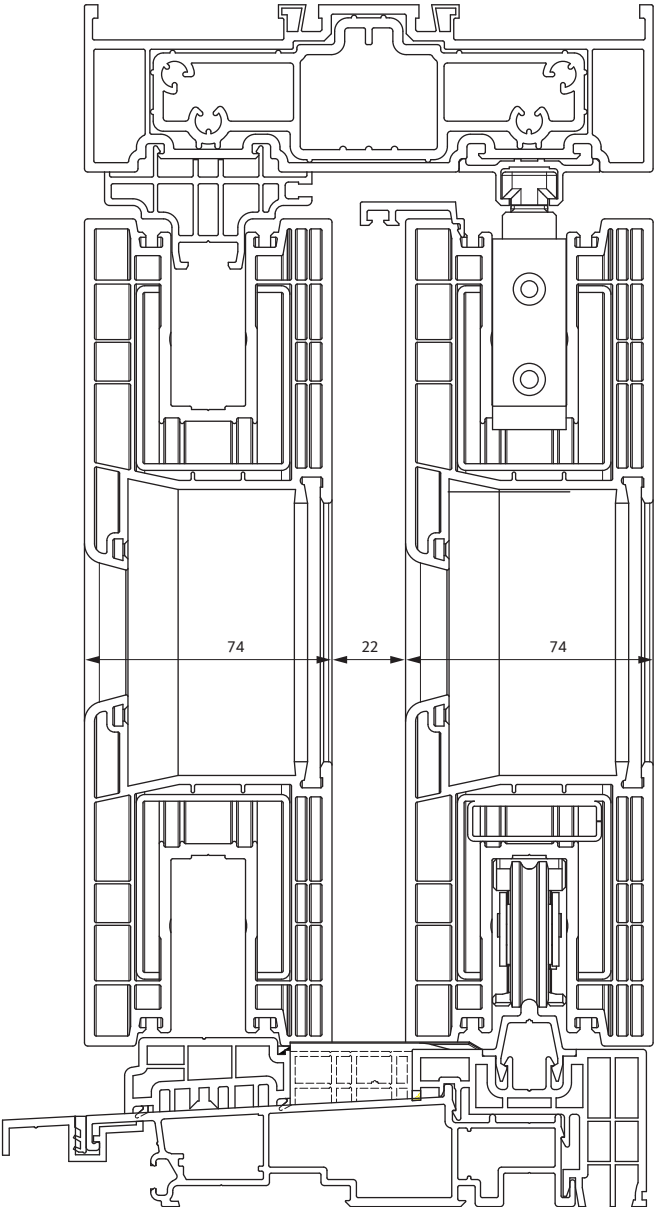


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
859–2759 mm	795–2759 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45184	from page 83
GU-threshold 47 threshold	0-45184	from page 86
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

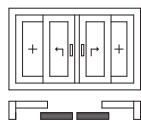
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	859 – 1279	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1229 – 1859	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1859 – 2359	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2109 – 2759	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18

Contains: 2 x L&S bogies, centre

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	859 – 1279	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1229 – 1859	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1859 – 2359	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2109 – 2759	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Gealan S 8000 / GU-934 / GU-threshold 47

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	859– 1279	1190	409	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1229 – 1859	1770	409	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1860 – 2359	2270	1009	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2109 – 2759	2670	1009	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3259	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3259	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Gealan S 8000

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Gealan S 8000	–	1	K-16778-00-0-0

Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x rubber buffer, 2 x guide, 2 x distance profile, 6 x spacer, 1 x set of screws

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Gealan S 8000 / GU-934 / GU-threshold 47

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-threshold 47 base profile	5000	EV 1 / light grey	1	6-33848-50-0-1
			6700	EV 1 / light grey	1	6-33848-67-0-1

Attachment track set Gealan S 8000 [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set Gealan S 8000	3300	EV 1 / light grey	1	K-17710-33-0-1

Set accessories attachment track Gealan S 8000 [2]

1	2	Set accessories attachment track Gealan S 8000		EV 1 / light grey	1	K-17711-00-0-1
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[1] Contains: 1 x attachment track, 1 x intermediate profile, 1 x set of accessories

[2] Contains: 2 x end cap, 3 x gasket plate

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-17116-01-0-1

Contains: 2 x corner connector, 8 x sheet-metal screw, 4 x pan-head screw

P 1635 roller track 15

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1635 roller track 15	3000	EV 1 / light grey		9-39311-30-0-1
			4000	EV 1 / light grey	1	9-39311-40-0-1
			5000	EV 1 / light grey		9-39311-50-0-1
			6700	EV 1 / light grey	1	9-39311-67-0-1

P 903 guide track

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	P 903 guide track	6700	UC 5 / dark bronze	1	9-27190-67-0-5

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware for Gealan S 8000 / order number K-16778-00-0-0. [3] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022					

Gealan S 8000 / GU-934 / GU-flatstep 164

Application ranges



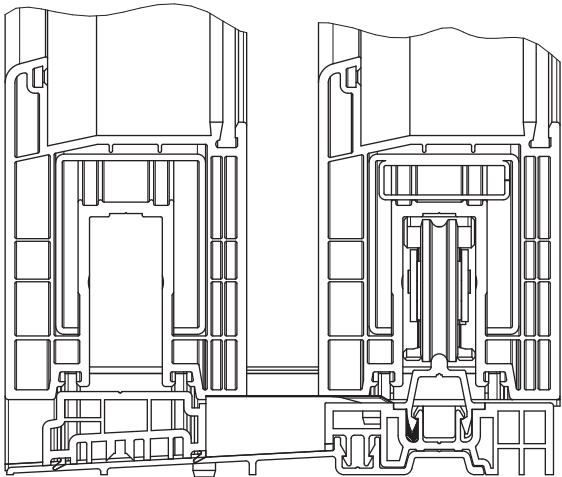
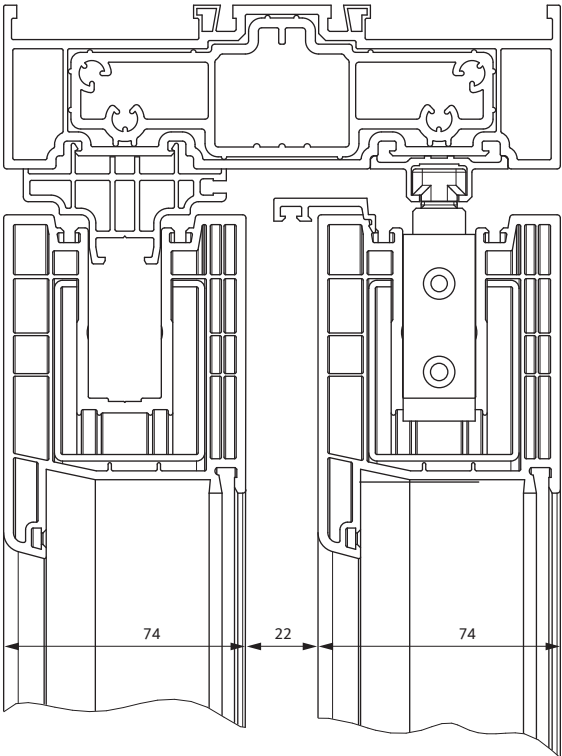
RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700 – 3300	859–2759 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44368	from page 89
GU-flatstep 164 threshold	0-45435	from page 92
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

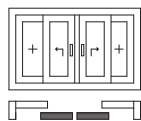
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	859 – 1279	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1229 – 1859	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1859 – 2359	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2109 – 2759	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	859 – 1279	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1229 – 1859	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1859 – 2359	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2109 – 2759	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Gealan S 8000 / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	795 – 1215	1190	409	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1165 – 1795	1770	409	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1795 – 2295	2270	1009	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2045 – 2759	2670	1009	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3259	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3259	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Gealan S 8000								
Pattern		Designation				Finish	PU	Order no.
A	C							
1	2	Basic hardware set Gealan S 8000				–	1	K-16778-00-0-0
Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x rubber buffer, 2 x guide, 2 x distance profile, 6 x spacer, 1 x set of screws								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces						

L&S handle damper [1]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S handle damper	–	1	K-19053-00-0-6
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash					

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	
Contains: 2 x wedge, 2 x lever, 2 x support						

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw						

P 959 connecting rod for L&S anti-jemmy device								
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.	
A	C							
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1	
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1	
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1	
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1	
			Stock length	4800	ferGUard	1	9-28355-48-0-1	

Gealan S 8000 / GU-934 / GU-flatstep 164

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1
				UC 5 / dark bronze		6-34948-67-0-5

Attachment track set Gealan S 8000 [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set Gealan S 8000	3300	EV 1 / light grey	1	K-17710-33-0-1

Set accessories attachment track Gealan S 8000 [2]

1	2	Set accessories attachment track Gealan S 8000		EV 1 / light grey	1	K-17405-00-0-1
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[1] Contains: 1 x attachment track, 1 x intermediate profile, 1 x set of accessories

[2] Contains: 2 x end cap, 3 x gasket plate

P 1635 roller track 15

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1635 roller track 15	3000	EV 1 / light grey	1	9-39311-30-0-1
			4000	EV 1 / light grey	1	9-39311-40-0-1
			5000	EV 1 / light grey	1	9-39311-50-0-1
			6700	EV 1 / light grey	1	9-39311-67-0-1

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-17116-01-0-1

Contains: 2 x corner connector, 8 x sheet-metal screw, 4 x pan-head screw

P 903 guide track

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	P 903 guide track	6700	EV 1 / light grey	1	9-27190-67-0-1

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware for Gealan S 8000 / order number K-16778-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Inoutic / GU-934 / Inoutic threshold

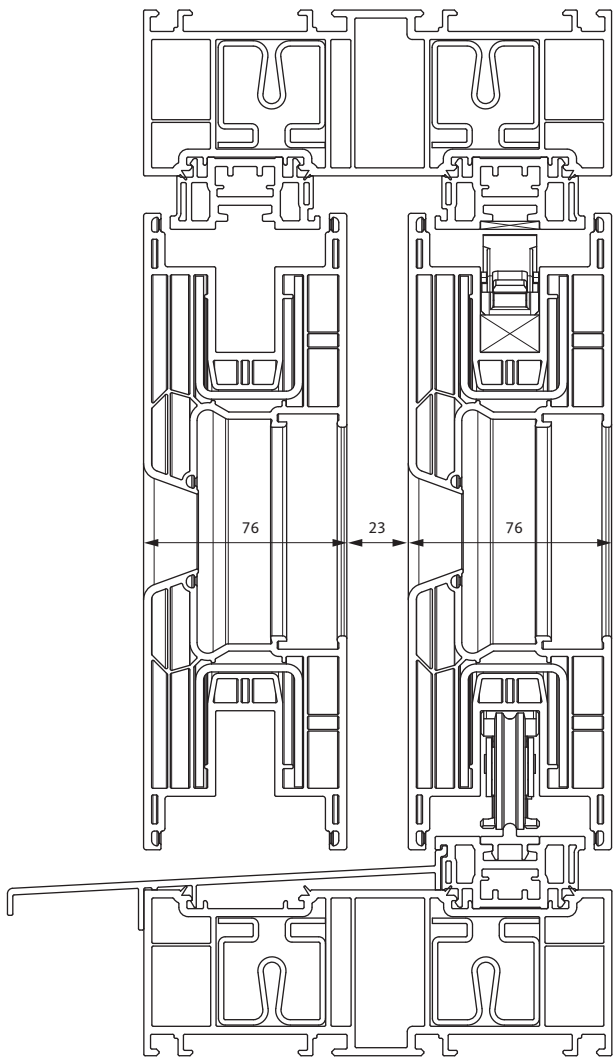
Application ranges



Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	1165–2695 mm	300 kg	GU-934
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44888	from page 95
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

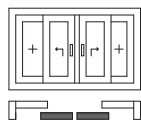
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Inoutic / GU-934 / Inoutic threshold

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	1165– 1794	1770	405	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1795 – 2294	2270	1005	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2295 – 2695	2670	1005	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3195	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3195	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Inoutic								
Pattern		Designation			Finish	PU	Order no.	
A	C							
1	2	Basic hardware set Inoutic			–	1	K-17580-00-0-0	
Contains: 2 x frame cam, 2 x rubber buffer, 2 x countersunk screw, 4 x spacing bush, 6 x spacer, 1 x set of screws								
Optional: L&S buffer 90								
Pattern		Designation			Finish	PU	Order no.	
A	C							
2	4	L&S buffer 90			black	1	K-12024-00-0-6	
					white	1	K-12024-00-0-7	
Contains: 1 x buffer, 1 x cover cap, fixing screws								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Inoutic / GU-934 / Inoutic threshold

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24607-00-0-1
			dark brown [3]	1	6-24607-00-0-5
			white, RAL 9016	1	6-24607-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).					
[2] The fixing screws are contained in the basic hardware set for Inoutic / order number K-17580-00-0-0.					
[3] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
			dark brown [1]	1	9-29992-02-0-5
			white, RAL 9016	1	9-29992-02-0-7
[1] Similar to RAL 8022					

Profine EuroFutur/PremiDoor / GU-934 / GU-thermostep 164

Application ranges



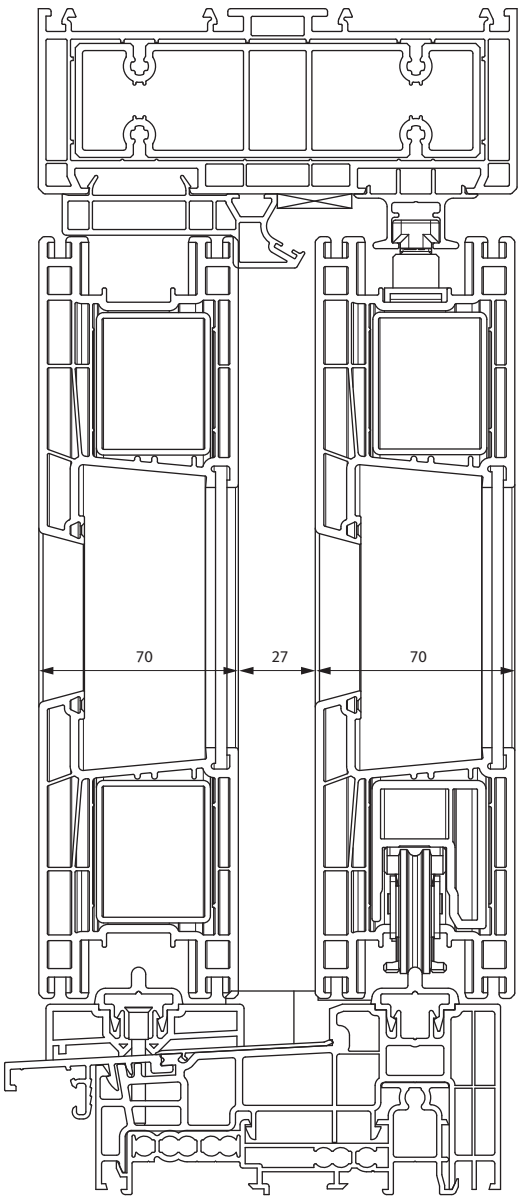
RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
750 – 3300	865–2765 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44420	from page 101
GU-thermostep 164 threshold	0-44420	from page 104
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

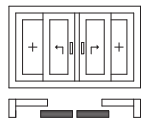
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left

Profine EuroFutur/PremiDoor / GU-934 / GU-thermostep 164

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	750 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Profine EuroFutur/PremiDoor / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	865 – 1285	1190	406	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1235 – 1865	1770	406	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1866 – 2365	2270	1006	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2115 – 2765	2670	1006	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3265	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3265	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Profine EuroFutur/PremiDoor								
Pattern		Designation			Finish	PU	Order no.	
A	C							
1	2	Basic hardware set EuroFutur/PremiDoor			–	1	K-16728-00-0-0	
Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x guide, 3 x gasket plate, 1 x spacer, 1 x set of screws								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Profine EuroFutur/PremiDoor / GU-934 / GU-thermostep 164

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Tread threshold set 13/175

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set 13/175	3000	EV 1 / light grey	1	K-15877-30-0-1
			4000	EV 1 / light grey	1	K-15877-40-0-1
			5000	EV 1 / light grey	1	K-15877-50-0-1

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set EuroFutur/PremiDoor [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set EuroFutur/PremiDoor	1500	EV 1 / light grey	1	K-16395-15-0-1
			2500	EV 1 / light grey	1	K-16395-25-0-1

Attachment track set EuroFutur/PremiDoor [2]

1	2	Attachment track set EuroFutur/PremiDoor	EV 1 / light grey	1	K-16411-00-0-1
			black	1	K-16411-00-0-6

[1] Contains: 1 x attachment track, 1 x intermediate profile, 1 x roller track, 1 set of accessories

[2] Contains: 1 x gasket plate, 2 x end cap

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-17011-00-0-1

Contains: 2 x corner connector, 8 x sheet-metal screw

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Profine EuroFutur / order number K-16728-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1
			dark brown [1]	1	9-29526-00-0-5
			white, RAL 9016	1	9-29526-00-0-7

[1] Similar to RAL 8022

Profine EuroFutur/PremiDoor / GU-934 / GU-threshold 47

Application ranges

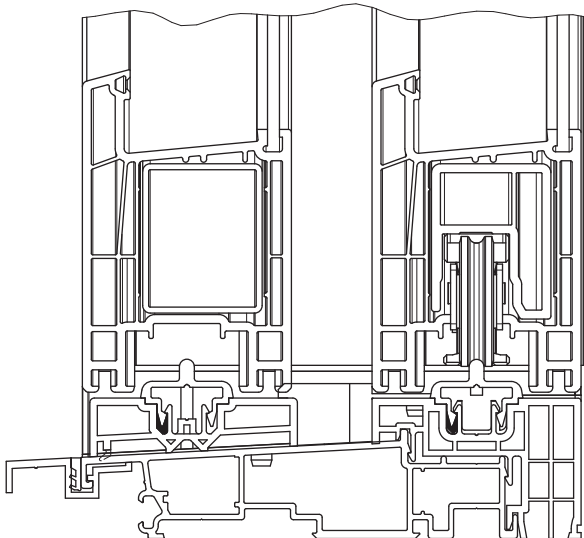
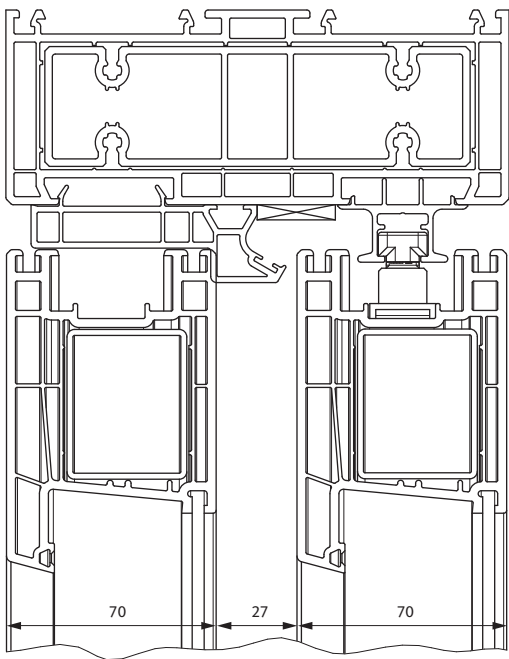


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
750 – 3300	865–2765 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44420	from page 107
GU-threshold 47 threshold	0-45250	from page 110
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

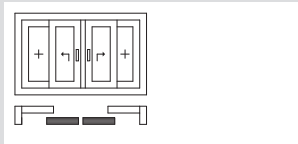
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left

Profine EuroFutur/PremiDoor / GU-934 / GU-threshold 47

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	750 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Profine EuroFutur/PremiDoor / GU-934 / GU-threshold 47

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	865 – 1285	1190	406	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1235 – 1865	1770	406	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1866 – 2365	2270	1006	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2115 – 2765	2670	1006	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3265	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3265	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Profine EuroFutur/PremiDoor								
Pattern		Designation				Finish	PU	Order no.
A	C							
1	2	Basic hardware set EuroFutur/PremiDoor				–	1	K-16728-00-0-0
Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x guide, 3 x gasket plate, 1 x spacer, 1 x set of screws								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Profine EuroFutur/PremiDoor / GU-934 / GU-threshold 47

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-threshold 47 base profile	5000	EV 1 / light grey	1	6-33848-50-0-1
			6700	EV 1 / light grey	1	6-33848-67-0-1

Attachment track set EuroFutur/PremiDoor [1]						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set EuroFutur/PremiDoor	3300	EV 1 / light grey	1	K-17707-33-0-1
Attachment track set EuroFutur/PremiDoor [2]						
1	2	Attachment track set EuroFutur/PremiDoor		EV 1 / light grey	1	K-17708-00-0-1
[1] Contains: 1 x attachment track, 1 x intermediate profile, 1 x roller track, 1 set of accessories						
[2] Contains: 1 x gasket plate, 2 x end cap						

P 1690 roller track 13						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1690 roller track 13	6700	EV 1 / light grey	1	9-41254-67-0-1

Corner connection parts						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Corner connectors set	grey	1	K-17011-01-0-1	
Contains: 2 x corner connector, 8 x sheet-metal screw						

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Profine EuroFutur / order number K-16728-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1
			dark brown [1]	1	9-29526-00-0-5
			white, RAL 9016	1	9-29526-00-0-7

[1] Similar to RAL 8022

Profine EuroFutur/PremiDoor / GU-934 / GU-flatstep 164

Application ranges

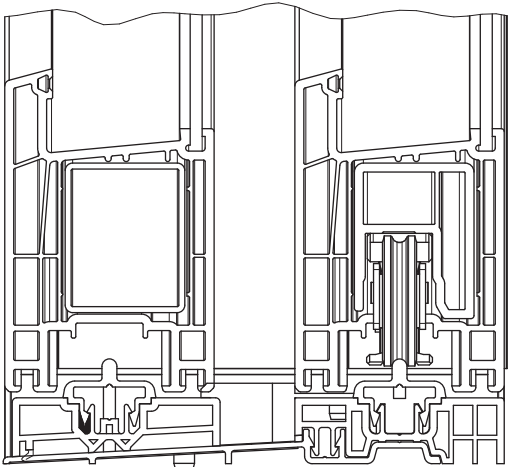
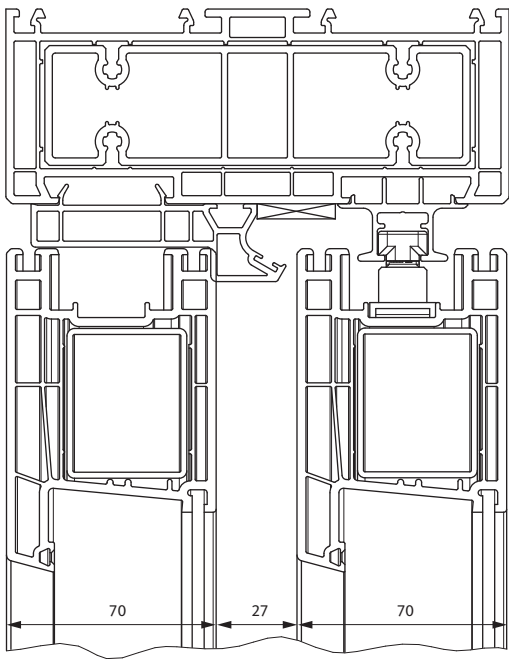


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
750 – 3300	865–2765 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44420	from page 113
GU-flatstep 164 threshold	0-45436	from page 116
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

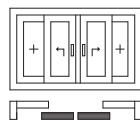
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left

Profine EuroFutur/PremiDoor / GU-934 / GU-flatstep 164

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	750 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Profine EuroFutur/PremiDoor / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	865 – 1285	1190	406	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1235 – 1865	1770	406	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1866 – 2365	2270	1006	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2115 – 2765	2670	1006	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3265	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3265	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Profine EuroFutur/PremiDoor

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set EuroFutur/PremiDoor	–	1	K-16728-00-0-0

Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x guide, 3 x gasket plate, 1 x spacer, 1 x set of screws

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Profine EuroFutur/PremiDoor / GU-934 / GU-flatstep 164

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1
				UC 5 / dark bronze		6-34948-67-0-5

Attachment track set EuroFutur/PremiDoor [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set EuroFutur/PremiDoor	3300	EV 1 / light grey	1	K-17707-33-0-1

Attachment track set EuroFutur/PremiDoor [2]

1	2	Attachment track set EuroFutur/PremiDoor		EV 1 / light grey	1	K-17708-00-0-1
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[1] Contains: 1 x attachment track, 1 x intermediate profile, 1 x roller track, 1 set of accessories

[2] Contains: 1 x gasket plate, 2 x end cap

P 1690 roller track 13

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1690 roller track 13	6700	EV 1 / light grey	1	9-41254-67-0-1

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors set	grey	1	K-17011-01-0-1

Contains: 2 x corner connector, 8 x sheet-metal screw

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Profine EuroFutur / order number K-16728-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1
			dark brown [1]	1	9-29526-00-0-5
			white, RAL 9016	1	9-29526-00-0-7

[1] Similar to RAL 8022

Profine PremiDoor 88 / GU-934 / GU-thermostep 204

Application ranges

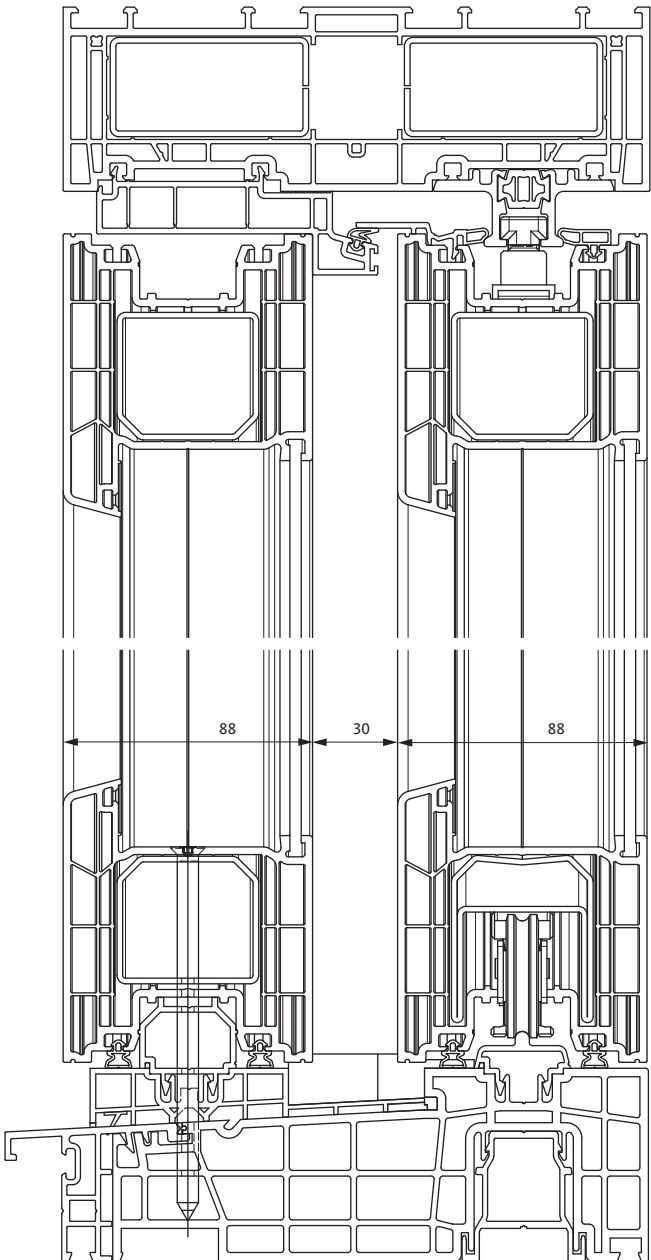


RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	877–2767 mm	300 kg	GU-934
		400 kg	GU-934 Tandem
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46613	from page 119
GU-thermostep 204 threshold	0-46613	from page 123
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

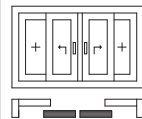
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



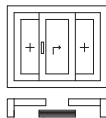
Possible patterns



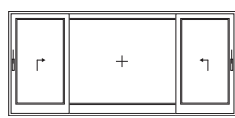
- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



- Pattern G1 symmetrical**
- 1 Lift&Slide door
 - 2 fixed-glazed sashes
 - Fig.: sliding direction to the right



- Pattern K**
- 2 Lift&Slide doors
 - 1 fixed-glazed sash
 - Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
					faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	2	1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
					faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

1	2	1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
					faceGUard	1	K-17804-01-0-18

Contains: 2 x L&S bogies, centre

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	2	1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18

Profine PremiDoor 88 / GU-934 / GU-thermostep 204

Hardware requirements



Lift&Slide gear, 37.5 mm backset										
Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1	K				Cover rail	Lock case, connecting rod		
1	2	1	2	877 – 1287	1190	407	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
							EV 1 / light gray	faceGUard	10	6-30021-11-0-18
				1237– 1867	1770	407	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
							EV 1 / light gray	faceGUard	10	6-30021-19-0-18
				1867 – 2367	2270	1007	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
							EV 1 / light grey	faceGUard	10	6-30021-24-0-18
				2117 – 2767	2670	1007	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
							EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	1	2	max. 3267	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	1	2	max. 3267	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
							UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set PremiDoor 88										
Pattern				Designation			Finish	PU	Order no.	
A	C	G1	K							
1	2	1	2	Basic hardware set PremiDoor 88			–	1	K-19008-00-0-0	
Contains: 2 x frame cam, 2 x slider, 2 x countersunk screw, 2 x rubber buffer, 2 x guide, 4 x spacing bush, 1 x spacer, 1 x set of screws										

Locking set for pattern G

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
-	-	1	-	Locking set for pattern G	EV 1 / light grey	1	K-17775-00-0-1

Contains: 1 x rod, 1 x adjusting ring, 1 x slider, 1 x latch lever, 1 x rivet bolt, 1 x compression spring, 1 x striker, 1 x guide plate, 1 x safety guide

L&S bottom keeper

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
-	-	1	-	L&S bottom keeper	EV 1 / light grey	1	K-12057-00-0-1

Contains: 1 x L&S bottom keeper, 2 x countersunk-head tapping screw

Counter plate and fixing screws for frame cam

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
-	2	-	-	Counterplate	-	1	9-24414-00-0-0
-	4	-	-	Countersunk screw M5 x 45 mm	-	1	9-13089-45-R-1

Note: use counter plate RC2 (order number 9-40544-00-0-0) with RC2 / RC2 N

Optional: L&S buffer 90

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
-	-	*	-	L&S buffer 90	black	1	K-12024-00-0-6
					white, RAL 9016	1	K-12024-00-0-7

*Optionally with pattern G1

Optional: packer for frame cam

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
2	-	-	4	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8
				Packer 1.0 mm	stainless steel	1	K-18309-02-0-8

Contains: 10 x packer

Optional: P 1951 "Comfort profile"

Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	1	-	1	P 1951 "Comfort profile"	3300	EV 1 / light grey	1	P-01951-33-0-1

Profine PremiDoor 88 / GU-934 / GU-thermostep 204

Optional additional components



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
1	2	1	2	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces								

L&S handle damper [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
1	2	1	2	L&S handle damper	–	1	K-19053-00-0-6	
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash								

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
1	2	–	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	
Contains: 2 x wedge, 2 x lever, 2 x support								

L&S corner-drive with anti-jemmy device							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	–	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
					UC 5 / dark bronze	1	K-16570-00-0-5
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw							

P 959 connecting rod for L&S anti-jemmy device								
Pattern				Designation	SW [mm]	Length [mm]	Finish	PU
A	C	G1	K					
1	2	–	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
					1221 – 1720	1500	ferGUard	1
					1721 – 2020	1800	ferGUard	1
					2021 – 3000	2600	ferGUard	1
					Stock length	4800	ferGUard	1

Base profile								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	1	1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1
					3500	EV 1 / light grey	1	6-36035-35-0-1
						UC 5 / dark bronze	1	6-36035-35-0-5
					4000	EV 1 / light grey	1	6-36035-40-0-1
					4500	EV 1 / light grey	1	6-36035-45-0-1
					5000	EV 1 / light grey	1	6-36035-50-0-1
						UC 5 / dark bronze	1	6-36035-50-0-5
					6700	EV 1 / light grey	1	6-36035-67-0-1
UC 5 / dark bronze	1	6-36035-67-0-5						

Corner connection parts								
Pattern					Designation	Finish	PU	Order no.
A	C	G1	K					
1	1	1	1	Corner connectors set	grey	1	K-18494-00-0-1	
Contains: 2 x corner connector, 3 x gasket plate								

Thread threshold set Profine PremiDoor 88								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	1	1	2	Thread threshold set Profine PremiDoor 88	3000	EV 1 / light grey	1	K-18853-30-0-1
					5000	EV 1 / light grey	1	K-18853-50-0-1
Contains: 1 x tread threshold, 1 x roller track profile, 1 x drip rail								

Attachment track set Profine PremiDoor 88								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	2	1	1	Attachment track set Profine PremiDoor 88	1500	EV 1 / light grey	1	K-18854-15-0-1
					2500	EV 1 / light grey	1	K-18854-25-0-1
Contains: 1 x spacer profile, 1 x attachment track								

Accessories set for attachment track							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	Accessories set for attachment track	EV 1 / light grey	1	K-18855-00-0-1
Contains: 5 x gasket plate, 2 x end cap, 1 x set of screws							

Profine PremiDoor 88 / GU-934 / GU-thermostep 204

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
					dark brown [3]	1	6-24606-00-0-5
					white, RAL 9016	1	6-24606-00-0-7
[1] A removable service handle may be used alternatively for a fixed L&S turn handle.							
[2] The fixing screws are contained in the basic hardware set for Profine PremiDoor 88 / order number K-19008-00-0-0.							
[3] Similar to RAL 8022							

L&S flush pull								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
1	2	–	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1	
					dark brown [1]	1	9-29526-00-0-5	
					white, RAL 9016	1	9-29526-00-0-7	
[1] Similar to RAL 8022								

Rehau Geneo / GU-934 / GU-thermostep 204

Application ranges

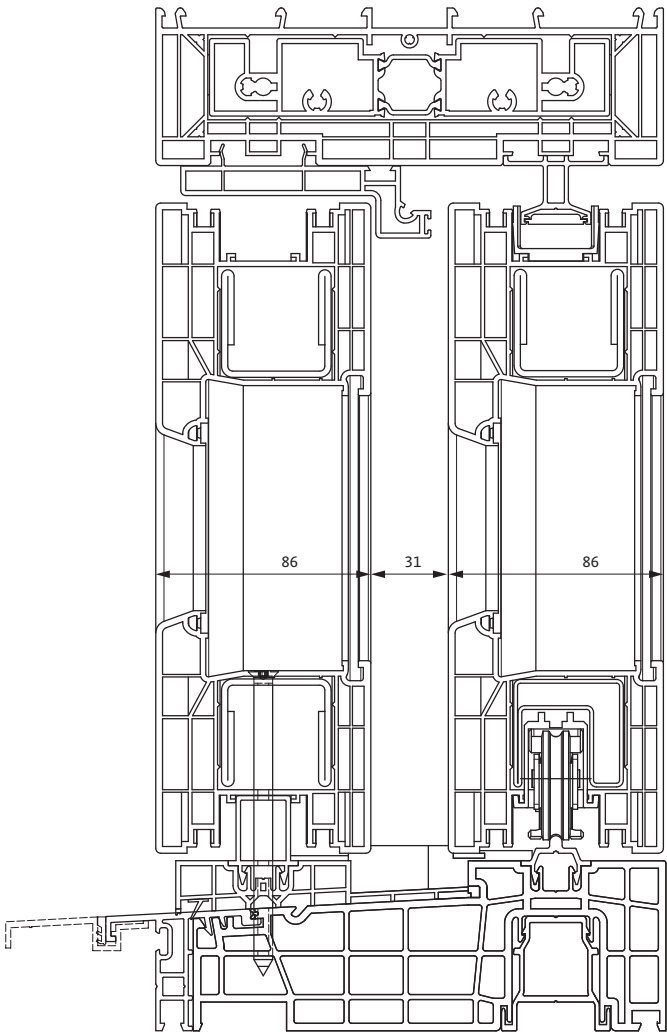


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	817 – 2700 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46629	from page 127
GU-thermostep 204 threshold	0-46629	from page 132
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

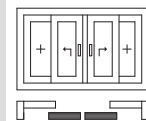
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



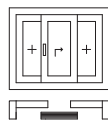
Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



Pattern G1 symmetrical
1 Lift&Slide door
2 fixed-glazed sashes
Fig.: sliding direction to the right



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear						

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm							
Pattern			Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	2	1	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
					faceGUard	1	9-25476-11-0-18
			1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
					faceGUard	1	9-25476-14-0-18
			1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
					faceGUard	1	9-25476-18-0-18
			2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
					faceGUard	1	9-25476-33-0-18

Profile-groove prop					
Pattern			Designation	PU	Order no.
A	C	G1			
–	1	–	Profile-groove prop	1	K-18191-00-0-0

Contains: 2 x profile-groove prop

Rehau Geneo / GU-934 / GU-thermostep 204

Hardware requirements



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						
1	2	1	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
				faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre						

Rod Ø 8 mm

Pattern			Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	2	1	1290 – 1600	1100	ferGUard	1	9-25476-11-0-1
					faceGUard	1	9-25476-11-0-18
			1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
					faceGUard	1	9-25476-14-0-18
			1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
					faceGUard	1	9-25476-18-0-18
			2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
					faceGUard	1	9-25476-33-0-18

Profile-groove prop

Pattern			Designation	PU	Order no.
A	C	G1			
–	1	–	Profile-groove prop	1	K-18191-00-0-0
Contains: 2 x profile-groove prop					

Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
-	-	1	817 – 1237	770	403	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18

Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	1187– 1316	1140	403	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18

Lift&Slide gear, 37.5 mm backset and gear extension									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	1317 – 1686	1270	403	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18
			1317 – 1686	500	-	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18

Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	1687– 2317	1640	403	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18
						EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18

Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	1817 – 2066	1770	1003	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			2067– 2316	2020	1003	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
						EV 1 / light grey	faceGUard	10	6-30021-28-0-18

Rehau Geneo / GU-934 / GU-thermostep 204

Hardware requirements



Lift&Slide gear, 37.5 mm backset and gear extension

Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	2317 – 2700	2270	1003	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
				500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18

Basic hardware set Rehau Geneo

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	Basic hardware set Rehau Geneo	–	1	K-17966-00-0-0

Contains: 2 x frame cam, 2 x L&S guide, 2 x rubber buffer 60, 2 x countersunk screw, 1 x set of screws, 1 x guide track gasket plate

Counterplate set

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
–	2	–	Counterplate set	–	1	K-18154-00-0-0

Contains: 1 x counter plate, 1 x countersunk-head tapping screw

Locking set for pattern G

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
–	–	1	Locking set for pattern G	EV 1 / light grey	1	K-18030-00-0-1

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	Tension spring	–	1	9-40235-05-0-0

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S handle damper	–	1	K-19053-00-0-6

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
				UC 5 / dark bronze	1	K-16570-00-0-5

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

Set of accessories for anti-jemmy device Rehau Geneo						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	Set of accessories for anti-jemmy device Rehau Geneo	–	1	K-18034-00-0-0

Contains: 4 x spacer, 2 x stop plate

P 959 connecting rod for L&S anti-jemmy device								
Pattern			Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1						
1	2	–	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
				1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
				1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
				2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
				Stock length	4800	ferGUard	1	9-28355-48-0-1

Rehau Geneo / GU-934 / GU-thermostep 204

Threshold



Base profile

Pattern			Designation	Length [mm]	PU	Finish	Order no.
A	C	G1					
1	1	1	GU-thermostep 204 base profile	3000	1	EV 1 / light grey	6-36035-30-0-1
				3500	1	EV 1 / light grey	6-36035-35-0-1
					1	UC 5 / dark bronze	6-36035-35-0-5
				4000	1	EV 1 / light grey	6-36035-40-0-1
				4500	1	EV 1 / light grey	6-36035-45-0-1
				5000	1	EV 1 / light grey	6-36035-50-0-1
					1	UC 5 / dark bronze	6-36035-50-0-5
				6700	1	EV 1 / light grey	6-36035-67-0-1
					1	UC 5 / dark bronze	6-36035-67-0-5

Corner connection parts

Pattern			Designation	PU	Finish	Order no.
A	C	G1				
1	1	1	Corner connectors set	1	EV 1 / light grey	K-17914-01-0-1

Contains: 2 x corner connector, 2 x gasket plate

Box of tread threshold Rehau Geneo

Pattern			Designation	Length [mm]	PU	Finish	Order no.
A	C	G1					
1	1	1	Tread threshold set Rehau Geneo [1]	3000	1	EV 1 / light grey	K-18691-30-0-1
				4000	1	EV 1 / light grey	K-18691-40-0-1
				5000	1	EV 1 / light grey	K-18691-50-0-1
Accessories from 5000 mm							
1	1	1	Drip rail 15 (P 1927)	6700	1	EV 1 / light grey	9-47293-67-0-1
1	1	1	GU-thermostep 204 tread threshold	3300	1	EV 1 / light grey	P-01950-33-0-1
1	1	1	Roller track profile 10 mm (P 1659)	6700	1	EV 1 / light grey	9-39330-67-0-1

[1] Contains: 1 x tread threshold, 1 x roller track profile, 1 x drip rail

Attachment track set 19/82 Rehau Geneo [1]

Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	2	2	Attachment track set Rehau Geneo	3000	EV 1 / light grey	1	P-01984-15-0-1
				4000	EV 1 / light grey	1	P-01984-20-0-1
				5000	EV 1 / light grey	1	P-01984-25-0-1
				6700	EV 1 / light grey	1	P-01984-33-0-1

Accessories set for attachment track 19/82 Rehau Geneo

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	2	Accessories set for attachment track Rehau Geneo	EV 1 / light grey	1	K-18752-00-0-1

Contains: 5 x gasket plate, 2 x end cap, 4 x spacer profile

Box of guide track Rehau Geneo							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	1	1	Box of guide track Rehau Geneo	3000	EV 1 / light grey	1	K-18038-30-0-1
				3500	EV 1 / light grey	1	K-18038-35-0-1
				4000	EV 1 / light grey	1	K-18038-40-0-1
				4500	EV 1 / light grey	1	K-18038-45-0-1
				5000	EV 1 / light grey	1	K-18038-50-0-1
				6700	EV 1 / light grey	1	K-18038-67-0-1
Contains: 1 x guide track, 1 x cover profile							

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
				dark brown [3]	1	6-24606-00-0-5
				white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware set for Rehau Geneo / order number K-17966-00-0-0. [3] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022						

Rehau Geneo / GU-934 / GU-thermostep 204

Accessory requirements



Optional: L&S night vent module with with insect screen

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	-	-	L&S night vent module with insect screen	EV 1 / light grey	1	K-18065-19-0-1
				EV 1 / light grey	1	K-18065-24-0-1
				EV 1 / light grey	1	K-18065-28-0-1

Contains: 1 x L&S night vent module, 14 x ABC Spax-S, 2 x gasket profile

Optional: reinforcement profile

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	-	-	Reinforcing profile per K-18065 1 pc required	EV 1 / light grey	1	P-01971-67-0-0

Optional: L&S night vent module accessories

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	-	-	L&S night vent module accessories	EV 1 / light grey	1	K-18076-00-0-1

Contains: 6 x countersunk-head tapping screw, 1 x end cap, 1 x retainer, 1 x frame profile filler piece, 1 gasket plate

HS SilentClose / HS StopUnit

Pattern			Designation	SW [kg]	PU	Order no.
A	C	G1				
1	2	-	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
				up to 400	1	K-19463-00-0-6
1	2	-	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
				up to 400	1	K-19955-00-0-6

Accessories set

1	2	-	HS SilentClose / HS StopUnit [2]		1	K-19977-00-0-8
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[1] Contains: 1 x damping unit

[2] Contains: installation instructions, set of sheet-metal screws, packer for trigger part, packer for HS StopUnit, sign for HS StopUnit, set of accessories

Accessories set SC/SU Rehau Geneo

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	-	Accessories set Rehau Geneo	stainless steel	1	K-19977-00-0-8

Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories

Rehau Geneo / GU-934 / GU-flatstep 222

Application ranges



Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	817 – 2700 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

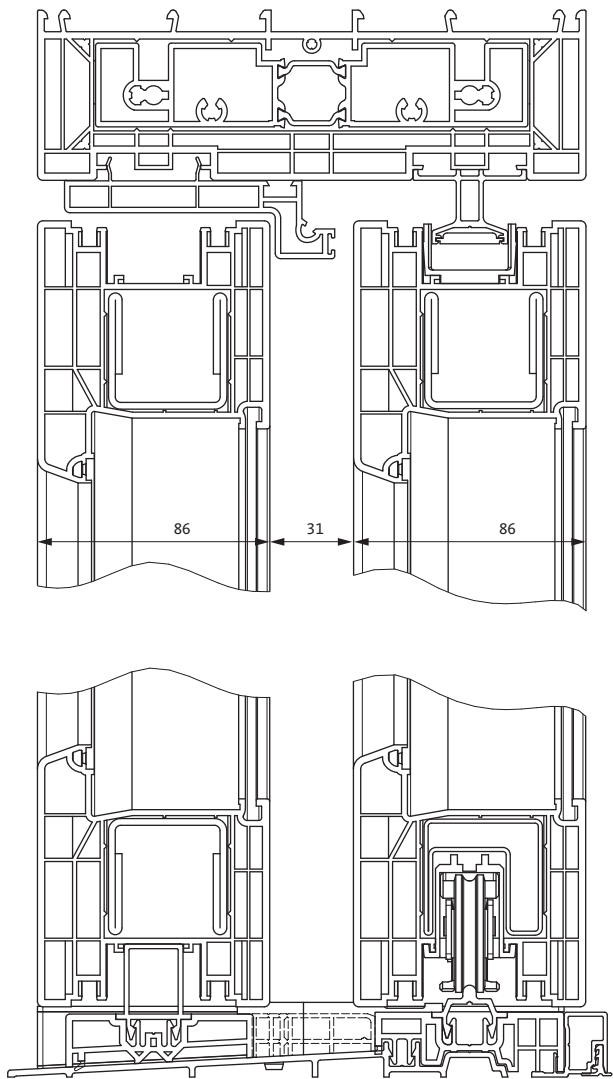
SH : SW = 2.5 : 1

Installation drawings

Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46629	from page 137
GU-flatstep 222 threshold	0-46680	from page 142
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

Note:

- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
- RC2: for tested patterns please refer to our "System file RC2 PVC".

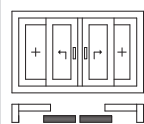


Possible patterns



Pattern A

- 1 Lift&Slide door
- 1 fixed-glazed sash
- Fig.: sliding direction to the right



Pattern C

- 2 Lift&Slide doors
- 2 fixed-glazed sashes
- Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Profile-groove prop				
Pattern		Designation	PU	Order no.
A	C			
–	1	Profile-groove prop	1	K-18191-00-0-0
Contains: 2 x profile-groove prop				

Rehau Geneo / GU-934 / GU-flatstep 222

Hardware requirements



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1290 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Profile-groove prop					
Pattern		Designation	PU	Order no.	
A	C				
–	1	Profile-groove prop	1	K-18191-00-0-0	
Contains: 2 x profile-groove prop					

Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
-	-	817 – 1237	770	403	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18

Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	1187 – 1316	1140	403	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18

Lift&Slide gear, 37.5 mm backset and gear extension								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	1317 – 1686	1270	403	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1317 – 1686	500	-	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18

Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	1817 – 2066	1770	1003	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2067 – 2316	2020	1003	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18

Rehau Geneo / GU-934 / GU-flatstep 222

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	2317 – 2700	2270	1003	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18

Basic hardware set Rehau Geneo					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Rehau Geneo	–	1	K-17966-00-0-0
Contains: 2 x frame cam, 2 x L&S guide, 2 x rubber buffer, 2 x countersunk screw, 1 x set of screws, 1 x gasket plate					

Counterplate set					
Pattern		Designation	Finish	PU	Order no.
A	C				
–	2	Counterplate set	–	1	K-18154-00-0-0
Contains: 1 x counter plate, 1 x countersunk-head tapping screw					

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

Set of accessories for anti-jemmy device Rehau Geneo						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Set of accessories for anti-jemmy device Rehau Geneo	–	1	K-18034-00-0-0	

Contains: 4 x spacer, 2 x stop plate

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Rehau Geneo / GU-934 / GU-flatstep 222

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 222 base profile	6700	EV 1 / light grey	1	6-36103-67-0-1

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
2	2	Corner connectors	grey	1	K-17914-01-0-1

Contains: 2 x corner connector, 2 x gasket plate

Attachment track set 1/70 Rehau Geneo [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set Rehau Geneo	1500	EV 1 / light grey	1	P-01715-15-0-1
			2500	EV 1 / light grey	1	P-01715-25-0-1
			3350	EV 1 / light grey	1	P-01715-33-0-1

Gasket plate cover profile Rehau Geneo

1	2	Gasket plate cover profile Rehau Geneo		EV 1 / light grey	1	9-47243-00-0-1
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Gasket plate for attachment track

1	2 ^[1]	Gasket plate for attachment track		EV 1 / light grey	1	9-46063-00-0-1
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Gasket plate

1	2	Gasket plate		EV 1 / light grey	1	9-48670-00-0-1
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GU-thermostep gasket plate

2	2	GU-thermostep gasket plate		EV 1 / light grey	1	9-46553-00-0-1
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Spacer profile

1	2	Spacer profile		EV 1 / light grey	1	P-01843-67-0-1
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[1] 1 x left, 1 x right

P 1659 roller track

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1659 roller track / 10 mm	6700	UC 5 / dark bronze	1	9-39330-67-0-5

Intermediate profile 1/70

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Intermediate profile 1/70	1450	EV 1 / light grey	1	9-40413-15-0-1
			1950	EV 1 / light grey	1	9-40413-20-0-1
			2450	EV 1 / light grey	1	9-40413-25-0-1
			3300	EV 1 / light grey	1	9-40413-33-0-1

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, with PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Rehau Geneo / order number K-17966-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6

[1] Contains: 1 x damping unit

Accessories set SC/SU Rehau Geneo					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Rehau Geneo	stainless steel	1	K-19977-00-0-8

Contains: 1 x installation instructions, 3 x packer, 1 x sign, 1 x set of accessories

Rehau Synego Classic / GU-934 / GU-thermostep 204

Application ranges

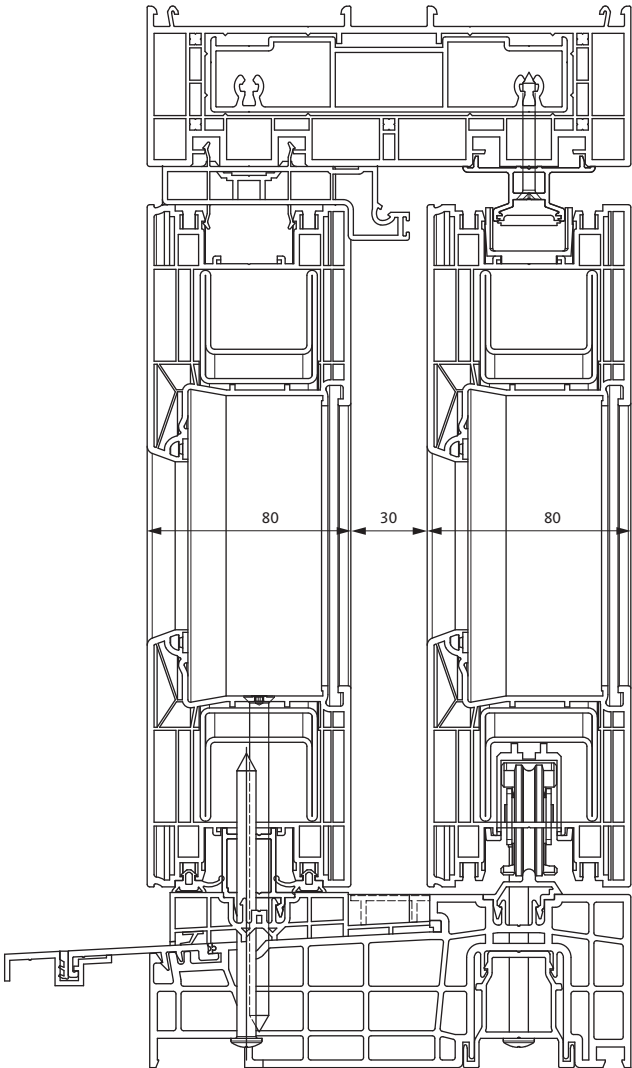


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700 – 3300	811–2716 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

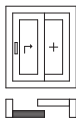
SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-47728	from page 145
GU-thermostep 204 threshold	0-47728	from page 149
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

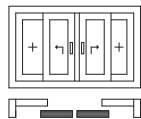
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
- Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
- Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Rehau Synego Classic / GU-934 / GU-thermostep 204

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	811.5 – 1231.5	1190	398	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1181.5 – 1811.5	1770	398	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1811.5 – 2311.5	2270	998	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2061.5 – 2711.5	2670	998	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3211.5	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3211.5	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Guide track P2164 Rehau Synego

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Guide track P2164 Rehau Synego	EV 1 / light grey	1	K-19616-30-0-1
			EV 1 / light grey	1	K-19616-40-0-1
			EV 1 / light grey	1	K-19616-50-0-1

Contains: 1 x guide track, 1 x cover profile

Counterplate set

Pattern		Designation	Finish	PU	Order no.
A	C				
–	4	Counterplate set	–	1	K-18154-00-0-1

Contains: 2 x countersunk screw, 1 x counter plate

Additional set Rehau Synego LS10

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Additional set Rehau Synego LS10	–	1	K-19614-00-0-0

Contains: 2 x L&S guides, 2 x packer, 2 x frame cam, 2 x rubber buffer, 1 x gasket plate, 1 x set of screws



L&S buffer 90					
Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	L&S buffer 90	black	1	K-12024-00-0-6
			white, RAL 9016	1	K-12024-00-0-7
Contains: 1 x buffer, 1 x countersunk-head tapping screw, 1 x cover cap					

Optional: packer for frame cam						
Pattern		Designation	Finish	PU	Order no.	
A	C					
2	2	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8	
		Packer 1.0 mm	stainless steel	1	K-18309-02-0-8	
Contains: 10 x packer						

Rehau Synego Classic / GU-934 / GU-thermostep 204

Optional additional components



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces						

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash						

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	
Contains: 2 x wedge, 2 x lever, 2 x support						

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw						

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1
			3500	EV 1 / light grey	1	6-36035-35-0-1
				UC 5 / dark bronze	1	6-36035-35-0-5
			4000	EV 1 / light grey	1	6-36035-40-0-1
			4500	EV 1 / light grey	1	6-36035-45-0-1
			5000	EV 1 / light grey	1	6-36035-50-0-1
				UC 5 / dark bronze	1	6-36035-50-0-5
			6700	EV 1 / light grey	1	6-36035-67-0-1
				UC 5 / dark bronze	1	6-36035-67-0-5

Corner connection parts Rehau Synego						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Corner connectors	EV 1 / light grey	1	K-19582-00-0-1	
Contains: 2 x countersunk screw, 1 x counter plate						

Tread threshold Rehau Synego LS10						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Tread threshold	EV 1 / light grey	1	K-19617-30-0-1	
			EV 1 / light grey	1	K-19617-40-0-1	
			EV 1 / light grey	1	K-19617-50-0-1	
Contains: 1 x tread threshold, 1 x roller track profile, 1 x drip rail						

Attachment track Rehau Synego Classic						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Attachment track	EV 1 / light grey	1	K-19608-15-0-1	
Contains: 1 x attachment track, 1 x intermediate profile, 1 x spacer profile						

Accessories: set for Rehau Synego Classic						
Pattern		Designation	PU	Order no.		
A	C					
1	2	Set Rehau Synego Classic	1	K-19609-00-0-1		
Contains: 5 x gasket plate, 2 x end cap						

Set comfort profile Rehau Synego LS5						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Set comfort profile Rehau Synego LS5	EV 1 / light grey	1	K-19619-00-0-1	
Contains: 1 x comfort profile, 1 x roller track profile, 1 x drip rail						

Rehau Synego Classic / GU-934 / GU-thermostep 204

L&S turn handles



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).					
[2] The fixing screws are contained in the basic hardware set for Rehau Synego Classic / order number K-19612-00-0-0.					
[3] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022					

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6

[1] Contains: 1 x damping unit

Accessories set for HS SilentClose / HS StopUnit Rehau Synego					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Rehau Synego	stainless steel	1	K-19764-00-0-8

Contains: 1 x installation instructions, 3 x packer, 1 x sign, 1 x set of accessories

Rehau Synego Panorama / GU-934 / GU-thermostep 204

Application ranges



RC2

Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700 – 3300	811 – 2716 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

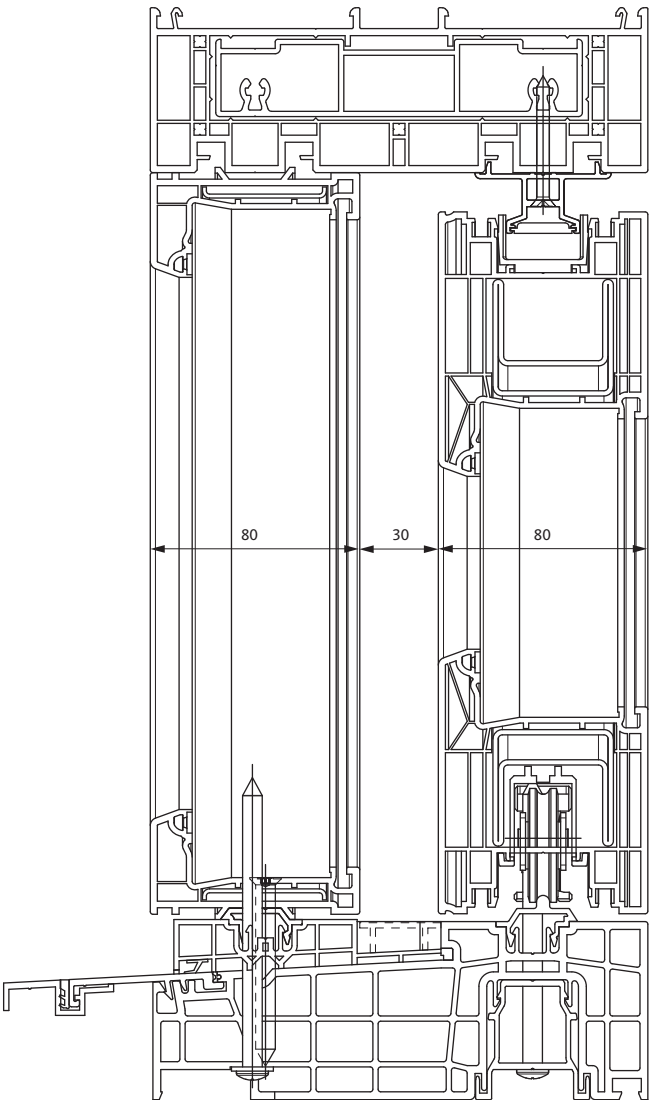
SH : SW = 2.5 : 1

Installation drawings

Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-47729	from page 153
GU-thermostep 204 threshold	0-47729	from page 157
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

Note:

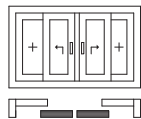
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
- RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Rehau Synego Panorama / GU-934 / GU-thermostep 204

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	811.5 – 1231.5	1190	398	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1181.5 – 1811.5	1770	398	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1811.5 – 2311.5	2270	998	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2061.5 – 2711.5	2670	998	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3211.5	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3211.5	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Guide track P2164 Rehau Synego

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Guide track P2164 Rehau Synego	EV 1 / light grey	1	K-19616-30-0-1
			EV 1 / light grey	1	K-19616-40-0-1
			EV 1 / light grey	1	K-19616-50-0-1

Contains: 1 x guide track, 1 x cover profile

Counterplate set

Pattern		Designation	Finish	PU	Order no.
A	C				
–	4	Counterplate set	–	1	K-18154-00-0-1

Contains: 2 x countersunk screw, 1 x counter plate

Additional set Rehau Synego LS5

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Additional set Rehau Synego LS5	–	1	K-19612-00-0-0

Contains: 2 x L&S guide, 2 x frame cam packer, 2 x frame cam, 2 x rubber buffer, 1 x gasket plate, 2 x packer, 1 x set of screws

Rehau Synego Panorama / GU-934 / GU-thermostep 204

Hardware requirements



L&S buffer 90

Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	L&S buffer 90	black	1	K-12024-00-0-6
			white, RAL 9016	1	K-12024-00-0-7

Contains: 1 x buffer, 1 x countersunk-head tapping screw, 1 x cover cap

Optional: packer for frame cam

Pattern		Designation	Finish	PU	Order no.
A	C				
2	2	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8
		Packer 1.0 mm	stainless steel	1	K-18309-02-0-8

Contains: 10 x packer

Rehau Synego Panorama / GU-934 / GU-thermostep 204

Optional additional components



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces						

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash						

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	
Contains: 2 x wedge, 2 x lever, 2 x support						

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw						

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1
			3500	EV 1 / light grey	1	6-36035-35-0-1
				UC 5 / dark bronze	1	6-36035-35-0-5
			4000	EV 1 / light grey	1	6-36035-40-0-1
			4500	EV 1 / light grey	1	6-36035-45-0-1
			5000	EV 1 / light grey	1	6-36035-50-0-1
				UC 5 / dark bronze	1	6-36035-50-0-5
			6700	EV 1 / light grey	1	6-36035-67-0-1
				UC 5 / dark bronze	1	6-36035-67-0-5

Corner connection parts Rehau Synego						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Corner connectors	EV 1 / light grey	1	K-19582-00-0-1	
Contains: 2 x countersunk screw, 1 x counter plate						

Tread threshold Rehau Synego LS10						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Tread threshold	EV 1 / light grey	1	K-19617-30-0-1	
			EV 1 / light grey	1	K-19617-40-0-1	
			EV 1 / light grey	1	K-19617-50-0-1	
Contains: 1 x tread threshold, 1 x roller track profile, 1 x drip rail						

Attachment track for Rehau Synego Panorama						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Attachment track	EV 1 / light grey	1	K-19610-15-0-1	
Contains: 1 x attachment track, 1 x intermediate profile, 1 x spacer profile						

Accessories: set for Rehau Synego Panorama						
Pattern		Designation	PU	Order no.		
A	C					
1	2	Accessories set for Rehau Synego Panorama	1	K-19611-00-0-1		
Contains: 7 x gasket plate, 2 x attachment track end cap						

Rehau Synego Panorama / GU-934 / GU-thermostep 204

Threshold



Thread threshold Rehau Synego LS5					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Thread threshold Rehau Synego LS5	EV 1 / light grey	1	K-19619-30-0-1
			EV 1 / light grey	1	K-19619-40-0-1
			EV 1 / light grey	1	K-19619-50-0-1
Contains: 1 x comfort profile, 1 x roller track profile, 1 x drip rail					

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are included in the basic hardware set for Rehau Synego Panorama / order number K-19612-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6

[1] Contains: 1 x damping unit

Accessories set for HS SilentClose / HS StopUnit Rehau Synego					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Rehau Synego	stainless steel	1	K-19764-00-0-8

Contains: 1 x installation instructions, 3 x packer, 1 x sign, 1 x set of accessories

Rehau Brilliant Design S785 / GU-934 / GU-thermostep 164

Application ranges

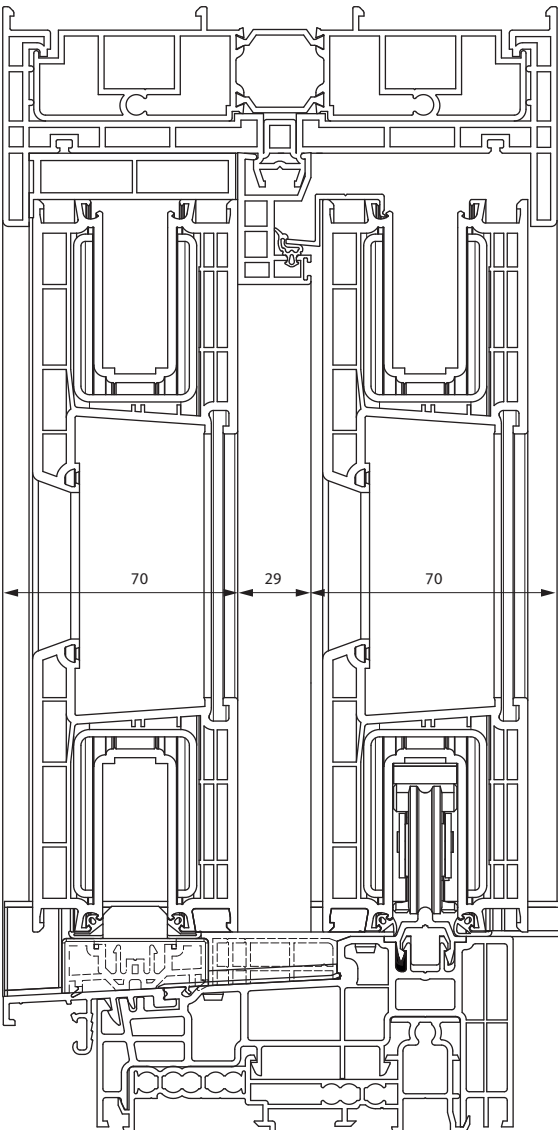


Application ranges

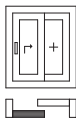
Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	795–2695 mm	300 kg	GU-934
		400 kg	GU-934 Tandem
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44315	from page 161
GU-thermostep 164 threshold	0-44315	from page 164
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

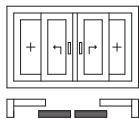
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



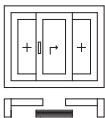
Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



- Pattern G1 symmetrical**
- 1 Lift&Slide door
 - 2 fixed-glazed sashes
 - Fig.: sliding direction to the right

Rehau Brilliant Design S785 / GU-934 / GU-thermostep 164

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie							
Pattern				Designation	Finish	PU	Order no.
A	C	G1					
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
				faceGUard	1	K-16488-00-0-18	
Contains: 1 x L&S bogie front, 1 x L&S bogie rear							

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	G1			
1	2	1	720 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
				faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear						
1	2	1	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
				faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre						

Rod Ø 8 mm					
Pattern			Sash width [mm]	Length [mm]	Finish
A	C	G1			
1	2	1	1230 – 1600	1100	ferGUard
					faceGUard
			1601 – 1850	1350	ferGUard
					faceGUard
			1851 – 2350	1850	ferGUard
					faceGUard
			2351 – 3300	3300	ferGUard
					faceGUard

Rehau Brillant Design S785 / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset									
Pattern			Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1				Cover rail	Lock case, connecting rod		
1	2	1	795 – 1215	1190	404	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
						EV 1 / light grey	faceGUard	10	6-30021-11-0-18
			1165 – 1795	1770	404	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
						EV 1 / light grey	faceGUard	10	6-30021-19-0-18
			1796 – 2295	2270	1004	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
						EV 1 / light grey	faceGUard	10	6-30021-24-0-18
			2045 – 2695	2670	1004	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
						UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
						EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm									
1	2	1	max. 3195	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
						UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
						EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm									
1	2	1	max. 3195	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
						UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Rehau Brillant Design S785

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	Basic hardware set Rehau Brillant Design S785	–	1	K-16744-00-0-0
Contains: 2 x frame cam, 2 x rubber buffer, 4 x packer, 6 x spacer, 2 x countersunk screw, 1 x set of screws						

Locking set for pattern G1

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
–	–	1	Locking set for pattern G1	–	1	K-17278-00-0-1
Contains: 1 x rod, 2 x spacer, 1 x set of accessories						

Optional: L&S bottom keeper

Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S bottom keeper	ferGUard	1	K-12057-00-0-1
Contains: 1 x L&S bottom keeper, fixing screws						

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	Tension spring	–	1	9-40235-05-0-0

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S handle damper	–	1	K-19053-00-0-6

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	–	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
				UC 5 / dark bronze	1	K-16570-00-0-5

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device								
Pattern			Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1						
1	2	–	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
				1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
				1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
				2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
				Stock length	4800	ferGUard	1	9-28355-48-0-1

Rehau Brilliant Design S785 / GU-934 / GU-thermostep 164

Threshold



Base profile							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
				3500	EV 1 / light grey	1	6-29938-35-0-1
				4000	EV 1 / light grey	1	6-29938-40-0-1
				4500	EV 1 / light grey	1	6-29938-45-0-1
				5000	EV 1 / light grey	1	6-29938-50-0-1
				6700	EV 1 / light grey	1	6-29938-67-0-1
					UC 5 / dark bronze	1	6-29938-67-0-5

Corner connection parts						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	1	1	Corner connectors	grey	1	K-17326-00-0-1
Contains: 2 x corner connector, 4 x pan-head screw, 4 x screw						

Tread threshold set 10/144							
Pattern			Designation	Length [mm]	Finish	PU	Order no.
A	C	G1					
1	1	1	Tread threshold set 10/144	3000	EV 1 / light grey	1	K-16643-30-0-1
				4000	EV 1 / light grey	1	K-16643-40-0-1
				5000	EV 1 / light grey	1	K-16643-50-0-1
					UC 5 / dark bronze	1	K-16643-50-0-5
Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail							

Attachment track set						
Pattern			Designation	Length [mm]	Finish	PU
A	C	G1				
1	2	2	Attachment track set	2500	EV 1 / light grey	1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories						

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
				dark brown [3]	1	6-24608-00-0-5
				white, RAL 9016	1	6-24608-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware set for Rehau Brillant Design S785 / order number K-16744-00-0-0. [3] Similar to RAL 8022						

L&S flush pull						
Pattern			Designation	Finish	PU	Order no.
A	C	G1				
1	2	1	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022						

Rehau Brillant Design S785 / GU-934 / GU-threshold 47

Application ranges



RC2

Application ranges

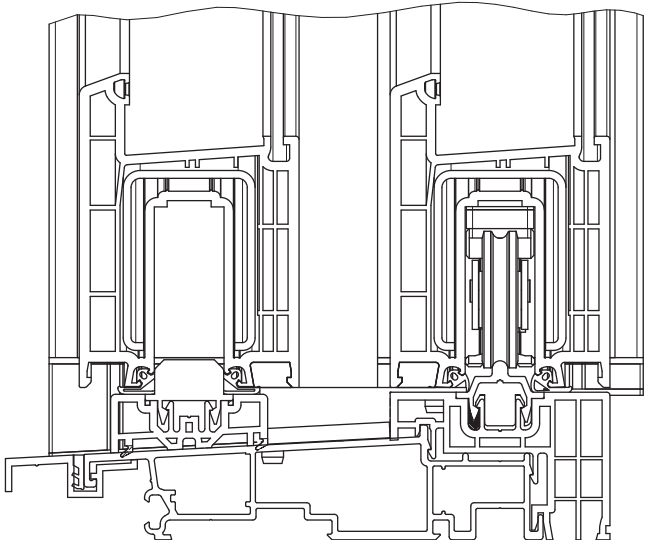
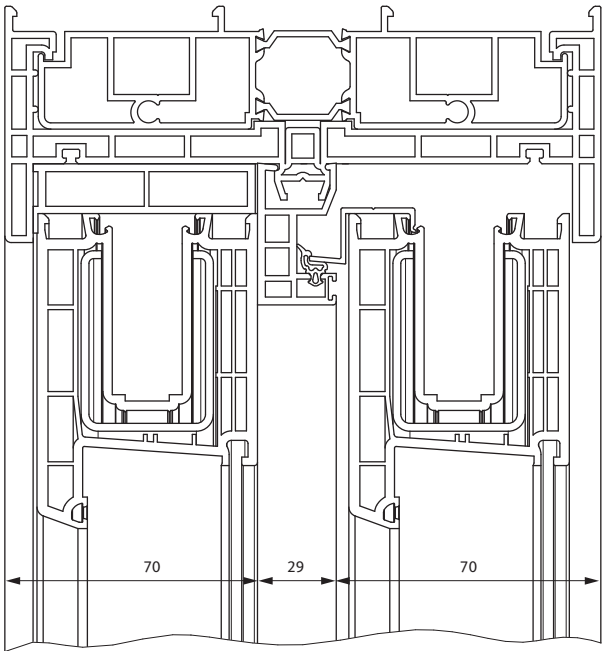
Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	795–2795 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44315	from page 167
GU-threshold 47 threshold	0-45236	from page 170
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

Note:

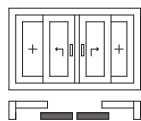
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
- RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left

Rehau Brilliant Design S785 / GU-934 / GU-threshold 47

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front. 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Rehau Brillant Design S785 / GU-934 / GU-threshold 47

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	795 – 1215	1190	404	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1165 – 1795	1770	404	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1796 – 2295	2270	1004	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2045 – 2695	2670	1004	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3195	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3195	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Rehau Brillant Design S785								
Pattern		Designation			Finish	PU	Order no.	
A	C							
1	2	Basic hardware set Rehau Brillant Design S785			–	1	K-16744-00-0-0	
Contains: 2 x frame cam, 2 x rubber buffer, 4 x packer, 6 x spacer, 2 x countersunk screw, 1 x set of screws								

Rehau Brilliant Design S785 / GU-934 / GU-threshold 47

Optional additional components



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Tension spring	–	1	9-40235-05-0-0

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces.

L&S handle damper [1]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S handle damper	–	1	K-19053-00-0-6

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
			UC 5 / dark bronze	1	K-16570-00-0-5

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Rehau Brillant Design S785 / GU-934 / GU-threshold 47

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-threshold 47 base profile	6700	EV 1 / light grey	1	6-33848-67-0-1

Corner connection parts						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Corner connectors	grey	1	K-17326-01-0-0	
Contains: 2 x corner connector, 4 x pan-head screw, 4 x screw						

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	3300	EV 1 / light grey	1	K-17712-33-0-1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories						

P 1659 roller track 10						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1659 roller track 10	6700	EV 1 / light grey	1	9-39330-67-0-1

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Rehau Brilliant Design S785 / order number K-16744-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Rehau Brillant Design S785 / GU-934 / GU-flatstep 164

Application ranges

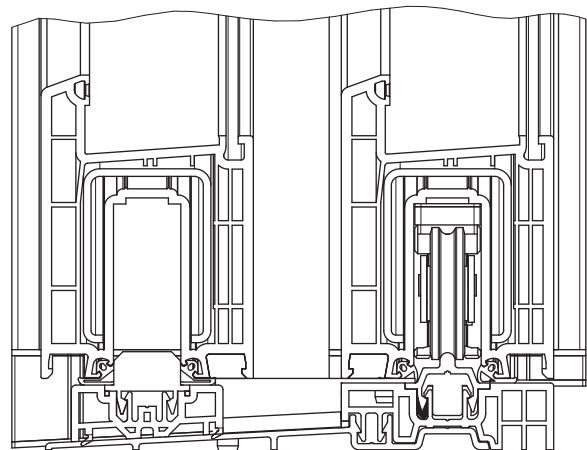
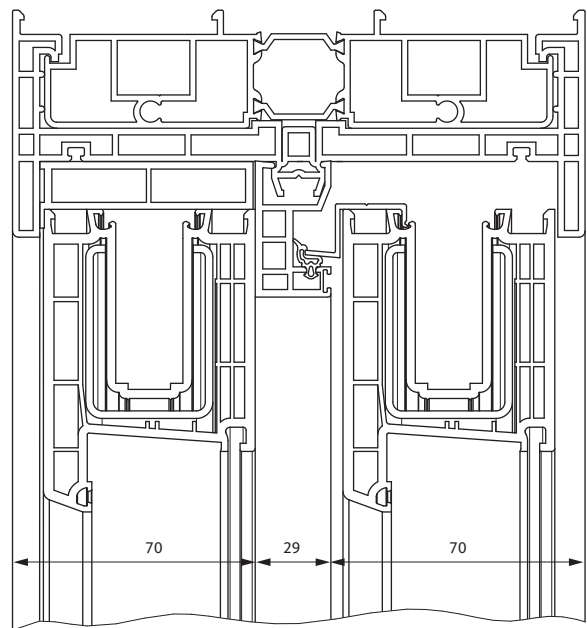


Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	795–2795 mm	300 kg	GU-934
		400 kg	GU-934 Tandem
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44315	from page 173
GU-flatstep 164 threshold	0-45437	from page 176
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

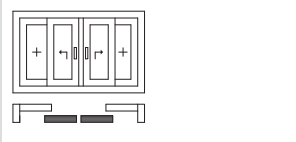
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left

Rehau Brilliant Design S785 / GU-934 / GU-flatstep 164

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Rehau Brillant Design S785 / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	795 – 1215	1190	404	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light gray	faceGUard	10	6-30021-11-0-18
		1165 – 1795	1770	404	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1796 – 2295	2270	1004	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2045 – 2695	2670	1004	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3195	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3195	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Rehau Brillant Design S785								
Pattern		Designation			Finish	PU	Order no.	
A	C							
1	2	Basic hardware set Rehau Brillant Design S785			–	1	K-16744-00-0-0	
Contains: 2 x frame cam, 2 x rubber buffer, 4 x packer, 6 x spacer, 2 x countersunk screw, 1 x set of screws								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	Order no.
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	9-28355-26-0-1
			Stock length	4800	ferGUard	9-28355-48-0-1

Rehau Brillant Design S785 / GU-934 / GU-flatstep 164

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1

Corner connection parts						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Corner connectors	grey	1	K-17326-01-0-0	
Contains: 2 x corner connector, 4 x pan-head screw, 4 x screw						

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	3300	EV 1 / light grey	1	K-17712-33-0-1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories						

P 1659 roller track 10						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	P 1659 roller track 10	6700	EV 1 / light grey	1	9-39330-67-0-1

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Rehau Brilliant Design S785 / order number K-16744-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204

Application ranges



RC2

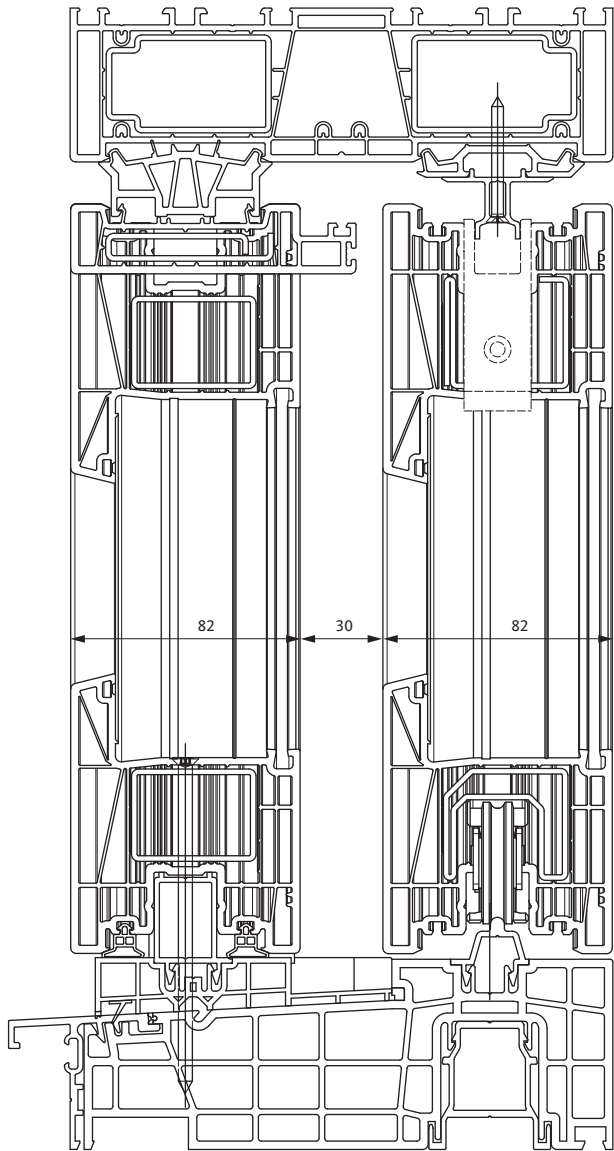
Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
700 – 3300	855–2785 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-47710	from page 179
GU-thermostep 204 threshold	0-47710	from page 183
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

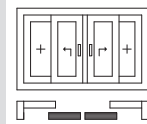
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



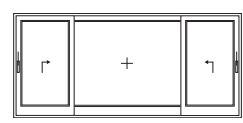
- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



- Pattern G1 symmetrical**
- 1 Lift&Slide door
 - 2 fixed-glazed sashes
 - Fig.: sliding direction to the right



- Pattern K**
- 2 Lift&Slide doors
 - 1 fixed-glazed sash
 - Fig: sliding direction to the right and left

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204

Hardware requirements



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
					faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	2	1	2	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
					faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

1	2	1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
					faceGUard	1	K-17804-01-0-18

Contains: 2 x L&S bogies, centre

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	2	1	2	1210 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204

Hardware requirements



Lift&Slide gear, 37.5 mm backset, GU guide track

Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1	K				Cover rail	Lock case, connecting rod		
1	2	1	2	855.5 – 1275.5	1190	398.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
							EV 1 / light grey	faceGUard	10	6-30021-11-0-18
				1225.5 – 1855.5	1770	398.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
							EV 1 / light grey	faceGUard	10	6-30021-19-0-18
				1855.5 – 2355.5	2270	998.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
							EV 1 / light grey	faceGUard	10	6-30021-24-0-18
				2105.5 – 2755.5	2670	998.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
							EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	1	2	max. 3255.5	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	1	2	max. 3255.5	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
							UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Lift&Slide gear, 37.5 mm backset, Salamander guide track

Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	G1	K				Cover rail	Lock case, connecting rod		
1	2	1	2	862.5 – 1282.5	1190	398.5	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
							EV 1 / light grey	faceGUard	10	6-30021-11-0-18
				1232.5 – 1862.5	1770	398.5	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
							EV 1 / light grey	faceGUard	10	6-30021-19-0-18
				1862.5 – 2362.5	2270	998.5	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
							EV 1 / light grey	faceGUard	10	6-30021-24-0-18
				2112.5 – 2762.5	2670	998.5	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
							EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	1	2	max. 3262.5	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	1	2	max. 3262.5	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
							UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204



Hardware requirements

Basic hardware set Salamander evolutionDrive HST

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	Basic hardware set Salamander evolutionDrive HST	–	1	K-19635-00-0-0

Contains: 2 x frame cam, 2 x countersunk screw, 2 x rubber buffer, 1 x set of screws

Optional: L&S buffer 90

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
2	4	1	2	L&S buffer 90	black	1	K-12024-00-0-6
					white	1	K-12024-00-0-7

Contains: 1 x buffer, 1 x cover cap, 1 x countersunk-head tapping screw

Optional: L&S bottom keeper

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	2	1	L&S bottom keeper	EV 1 / light grey	1	K-12057-00-0-1

Contains: 10 x packer

P 2166 guide track

Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	1	1	1	P 2166 guide track	3000	EV 1 / light grey	1	9-50886-30-0-1
					4000	EV 1 / light grey	1	9-50886-40-0-1
					5000	EV 1 / light grey	1	9-50886-50-0-1
					6700	EV 1 / light grey	1	9-50886-67-0-1

Accessories: L&S guide P 2166

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	Accessories for L&S guide P 2166	EV 1 / light grey	1	K-19651-00-0-1

Contains: 2 x countersunk screw, 2 x guide, 1 x SilentClose

Accessories: L&S guide for Salamander evolutionDrive

Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S guide for Salamander evolutionDrive	EV 1 / light grey	1	K-19659-00-0-1

Contains: 2 x slider, 4 x countersunk-head tapping screw, 2 x guide

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204

Optional additional components



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	Tension spring	–	1	9-40235-05-0-0
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces							

L&S handle damper [1]							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S handle damper	–	1	K-19053-00-0-6
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash							

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	–	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1
Contains: 2 x wedge, 2 x lever, 2 x support							

L&S corner-drive with anti-jemmy device							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	–	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
					UC 5 / dark bronze	1	K-16570-00-0-5
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw							

P 959 connecting rod for L&S anti-jemmy device									
Pattern				Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	G1	K						
1	2	–	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
					1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
					1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
					2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
					Stock length	4800	ferGUard	1	9-28355-48-0-1

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204



Threshold

Base profile									
Pattern				Designation	Length [mm]	Finish	PU	Order no.	
A	C	G1	K						
1	1	1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1	
					3500	EV 1 / light grey	1	6-36035-35-0-1	
						UC 5 / dark bronze	1	6-36035-35-0-5	
					4000	EV 1 / light grey	1	6-36035-40-0-1	
					4500	EV 1 / light grey	1	6-36035-45-0-1	
					5000	EV 1 / light grey	1	6-36035-50-0-1	
						UC 5 / dark bronze	1	6-36035-50-0-5	
					6700	EV 1 / light grey	1	6-36035-67-0-1	
UC 5 / dark bronze	1	6-36035-67-0-5							

Corner connection parts								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
1	1	1	1	Corner connectors	grey	1	K-19618-02-0-1	
Contains: 2 x corner connector, 4 x gasket plate								

Set for tread threshold Salamander evolutionDrive / roller track 15								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	1	1	1	Set for tread threshold Salamander evolutionDrive	3000	EV 1 / light grey	1	K-19637-30-0-1
					4500	EV 1 / light grey	1	K-19637-45-0-1
Contains: 1 x tread threshold, 1 x roller track profile, 1 x drip rail								

Set for tread threshold Salamander evolutionDrive / roller track 5								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	1	1	1	Set for tread threshold Salamander evolutionDrive	3000	EV 1 / light grey	1	K-19638-30-0-1
					4500	EV 1 / light grey	1	K-19638-45-0-1
Contains: 1 x tread threshold, 1 x roller track profile, 1 x drip rail								

Salamander evolutionDrive HST / GU-934 / GU-thermostep 204

Threshold



Set for attachment track Salamander evolutionDrive								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	G1	K					
1	2	2	2	Set for attachment track Salamander evolutionDrive	1500	EV 1 / light grey	1	K-19620-15-0-1
					2000	EV 1 / light grey	1	K-19620-20-0-1
					2500	EV 1 / light grey	1	K-19620-25-0-1
Contains: 1 x attachment track 1, 1 x spacer profile								
Accessories: set for attachment track Salamander evolutionDrive								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
1	2	2	2	Accessories: set for attachment track Salamander evolutionDrive	EV 1 / light grey	1	K-19639-00-0-1	
Contains: 6 x gasket plate, 2 x end cap, 1 x set of screws								
Optional: packer for frame cam								
Pattern				Designation	Finish	PU	Order no.	
A	C	G1	K					
2	2	-	4	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8	
				Packer 1.0 mm	stainless steel	1	K-18309-02-0-8	
Contains: 10 x packer								

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
					dark brown [3]	1	6-24606-00-0-5
					white, RAL 9016	1	6-24606-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware set for Salamander evolutionDrive HST / order number K-19635-00-0-0. [3] Similar to RAL 8022							

L&S flush pull							
Pattern				Designation	Finish	PU	Order no.
A	C	G1	K				
1	2	1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
					dark brown [1]	1	9-29992-01-0-5
					white, RAL 9016	1	9-29992-01-0-7
[1] Similar to RAL 8022							

Accessory requirements

HS SilentClose / HS StopUnit							
Pattern				Designation	SW [kg]	PU	Order no.
A	C	G1	K				
1	2	1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
					up to 400	1	K-19463-00-0-6
1	2	1	2	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
					up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit [2] Contains: 1 x damping unit							

Accessories set HS SilentClose / HS StopUnit Salamander evolutionDrive					
Pattern				Designation	Finish
A	C	G1	K		
1	2	1	2	Accessories set Salamander evolutionDrive	black
Contains: 1 x installation instructions, 1 x guide, 2 x packer, 1 x sign, 1 x set of accessories					

Salamander ID / GU-934 / GU-thermostep 164

Application ranges

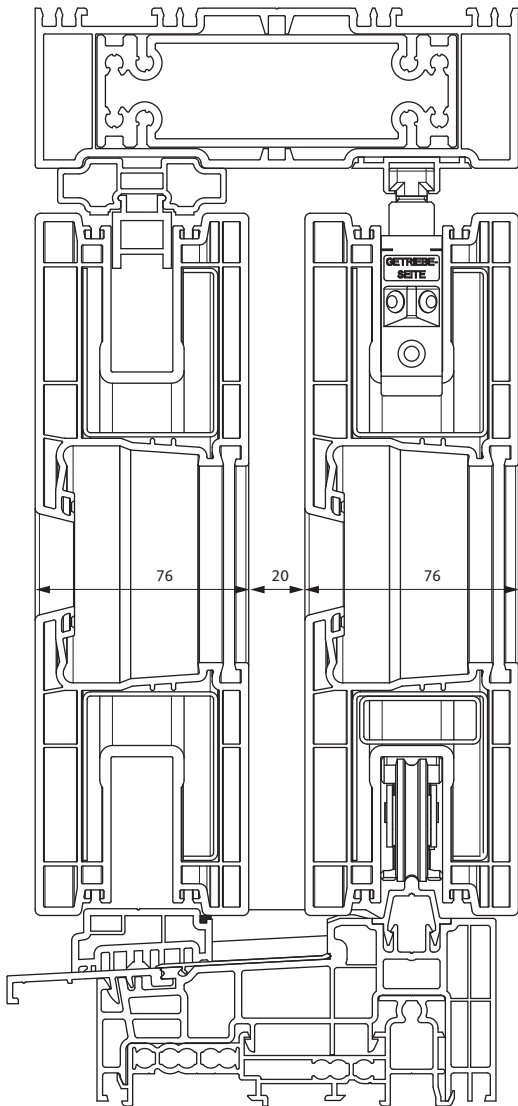


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	853–2753 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44387	from page 187
GU-thermostep 164 threshold	0-44387	from page 190
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

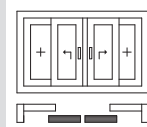
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Salamander ID / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	853 – 1273	1190	409	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1223 – 1853	1770	409	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1853 – 2353	2270	1009	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2103 – 2753	2670	1009	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3253	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3253	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Salamander ID

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Salamander ID	–	1	K-16417-00-0-0

Contains: 2 x frame cam, 2 x rubber buffer, 4 x packer, 6 x spacer, 2 x countersunk screw, 1 x set of screws

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces						

L&S handle damper [1]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S handle damper	–	1	K-19053-00-0-6
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash					

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	
Contains: 2 x wedge, 2 x lever, 2 x support						

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw						

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Salamander ID / GU-934 / GU-thermostep 164

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Tread threshold set 15/144						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set 15/144	3000	EV 1 / light grey	1	K-15655-30-0-1
			3500	EV 1 / light grey	1	K-15655-35-0-1
			4000	EV 1 / light grey	1	K-15655-40-0-1
			4500	EV 1 / light grey	1	K-15655-45-0-1
			5000	EV 1 / light grey	1	K-15655-50-0-1
				UC 5 / dark bronze	1	K-15655-50-0-5

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-16393-25-0-1
				UC 5 / dark bronze	1	K-16393-25-0-5

Contains: 1 x attachment track, 1 x intermediate profile, 1 x set of accessories

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Salamander ID / order number K-16417-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Schüco ThermoSlide SI 82 / GU-934 / Schüco threshold

Application ranges



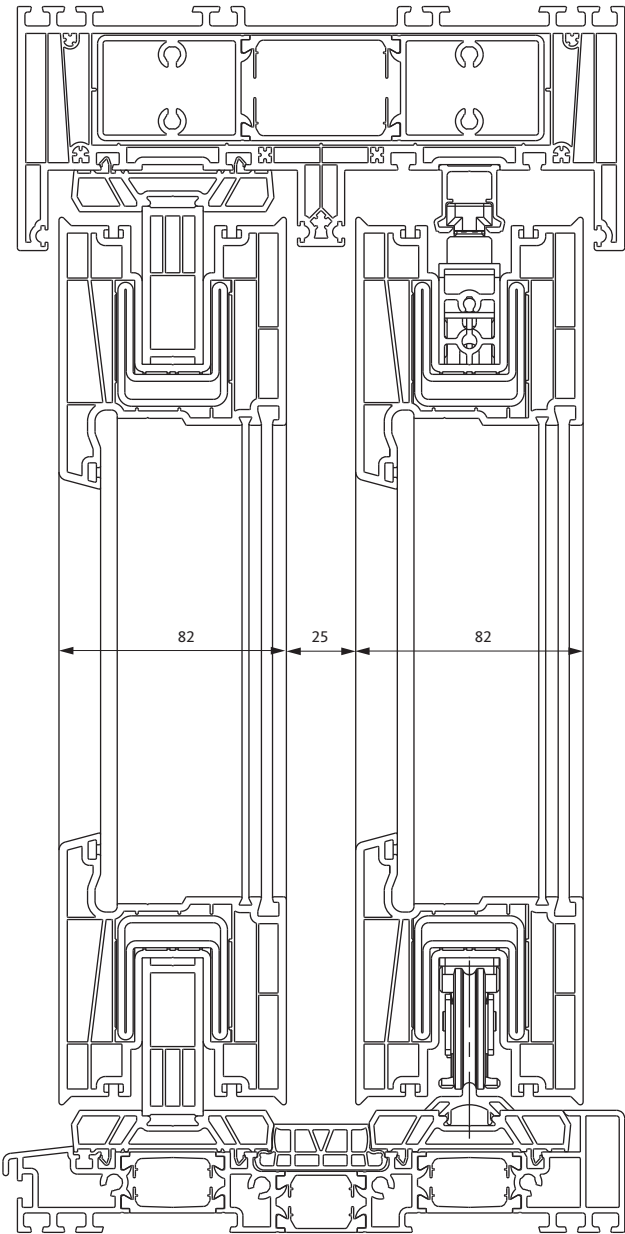
RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	850–2750 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46023	from page 193
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

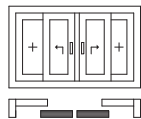
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18

Contains: 2 x L&S bogies, centre

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Schüco ThermoSlide SI 82 / GU-934 / Schüco threshold

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	850 – 1270	1190	403	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1220 – 1850	1770	403	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1851 – 2350	2270	1003	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2100 – 2750	2670	1003	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Schüco ThermoSlide SI 82

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Schüco ThermoSlide SI 82	–	1	K-18336-00-0-0
Contains: 2 x rubber buffer, 2 x packer, 6 x spacer, 2 x frame cam, 2 x spacing bush, 6 x countersunk-head tapping screw, 7 x sheet-metal screw, 2 x countersunk screw, 1 x cover cap					

Accessories: set of screws

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories: set of screws	–	1	K-18003-00-0-1
Contains: 17 x countersunk-head tapping screw, 1 x PC screw-hole cover cap					

Counter plate, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	2	Counter plate for frame cam / C	–	1	9-24414-00-0-1

Countersunk-head tapping screw for frame cam, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	2	Countersunk-head tapping screw M5 x 50 for frame cam, pattern C	–	1	9-13089-50-R-1

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Schüco ThermoSlide SI 82 / GU-934 / Schüco threshold

Threshold / accessory requirements



Bag of top guide track

Pattern		Designation	PU	Order no.
A	C			
1	2	Bag of top guide	1	K-18337-00-0-6

Contains: 1 x slider, 4 x countersunk-head tapping screw, 1 x guide, 1 x guide packer

Accessory requirements

HS SilentClose / HS StopUnit

Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6

[1] Contains: 1 x damping unit

[2] Contains: 1 x damping unit

Accessories set HS SilentClose / HS StopUnit Schüco ThermoSlide SI 82

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories bag Schüco ThermoSlide SI 82	black	1	K-19960-00-0-6

Contains: 1 x installation instructions, 1 x guide, 2 x packer, 1 x sign, 1 x set of accessories

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-34954-50-0-1
			dark brown [3]	1	6-34954-50-0-5
			white, RAL 9016	1	6-34954-50-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Schüco ThermoSlide SI 82 / order number K-18336-00-0-0.
 [3] Similar to RAL 8022

Countersunk screws M6 x 90					
Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	Countersunk screws M6 x 90	yellow galvanised	1	9-13274-90-R-3

Spacing bush for L&S turn handle					
Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	Spacing bush for L&S turn handle	silver/EV 1 look	1	9-24428-12-0-1

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Spacing bush for L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	Spacing bush for L&S flush pull	silver/EV 1 look	1	9-42428-13-0-1

Schüco Corona CT 70 / GU-934 / GU-thermostep 164

Application ranges



Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	858–2758 mm	300 kg	GU-934

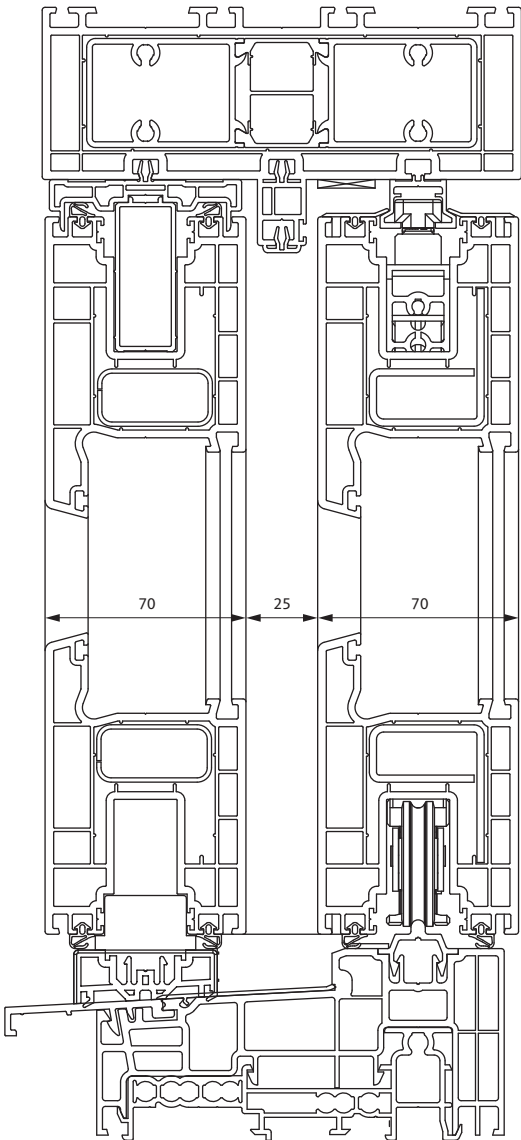
SH : SW = 2.5 : 1

Installation drawings

Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44292	from page 199
GU-thermostep 164 threshold	0-44292	from page 202
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

Note:

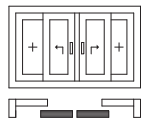
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
- RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Schüco Corona CT 70 / GU-934 / GU-thermostep 164

Hardware requirements



Lift&Slide gear without top guide track, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	858 – 1278	1190	401	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1228 – 1858	1770	401	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1858 – 2358	2270	1001	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2108 – 2758	2670	1001	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
EV 1 / light grey	faceGUard				10	6-30021-28-0-18		
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3258	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3258	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Schüco Corona CT 70

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Schüco Corona CT 70	–	1	K-16742-00-0-0

Contains: 1 x gasket plate, 2 x end cap, 8 x adapter

Bag of top guide track

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Bag of top guide	black	1	K-16578-00-0-6

Contains: 2 x slider, 8 x countersunk-head tapping screw, 2 x guide, 2 x packer

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Schüco Corona CT 70 / GU-934 / GU-thermostep 164

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Corner connection parts					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors	grey	1	K-16726-00-0-1
Contains: 2 x corner connector, 8 x sheet-metal screw, 2 x pan-head screw					

Tread threshold set 10/144						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set 10/144	3000	EV 1 / light grey	1	K-16643-30-0-1
			4000	EV 1 / light grey	1	K-16643-40-0-1
			5000	EV 1 / light grey	1	K-16643-50-0-1
				UC 5 / dark bronze	1	K-16643-50-0-5
Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail						

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-16644-25-0-1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories						

P 1659 roller track 10						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	P 1659 roller track 10	6700	EV 1 / light grey	1	9-39330-67-0-1
				UC 5 / dark bronze	1	9-39330-67-0-5

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Schüco Corona CT 70 / order number K-16742-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Schüco Corona CT 70 / GU-934 / GU-threshold 47

Application ranges

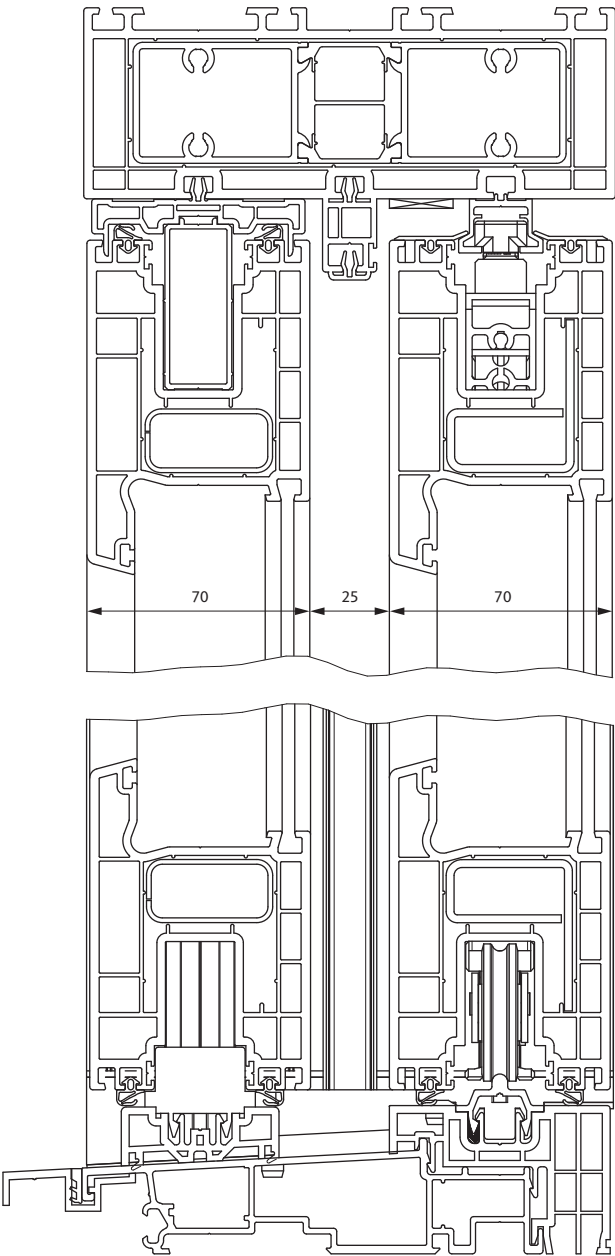


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	858–2758 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44292	from page 205
GU-threshold 47 threshold	0-45240	from page 208
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

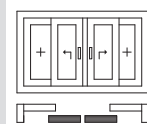
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Schüco Corona CT 70 / GU-934 / GU-threshold 47

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	858 – 1278	1190	401	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1228 – 1858	1770	401	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1858 – 2358	2270	1001	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2108 – 2758	2670	1001	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3258	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3258	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Schüco Corona CT 70

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Schüco Corona CT 70	–	1	K-16742-00-0-0

Contains: 1 x gasket plate, 2 x end cap, 8 x adapter

Bag of top guide track

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Bag of top guide	black	1	K-16578-00-0-6

Contains: 2 x slider, 8 x countersunk-head tapping screw, 2 x guide, 2 x packer

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Schüco Corona CT 70 / GU-934 / GU-threshold 47

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-threshold 47 base profile	5000	EV 1 / light grey	1	6-33848-50-0-1
			6700	EV 1 / light grey	1	6-33848-67-0-1

Corner connection parts

Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Corner connectors	grey	1	K-16726-01-0-1

Contains: 2 x corner connector, 8 x sheet-metal screw, 2 x pan-head screw

Attachment track set

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	3300	EV 1 / light grey	1	K-17715-33-0-1

Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories

P 1659 roller track 10

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	P 1659 roller track 10	6700	EV 1 / light grey	1	9-39330-67-0-1

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Schüco Corona CT 70 / order number K-16742-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Schüco Corona CT 70 / GU-934 / GU-flatstep 164

Application ranges

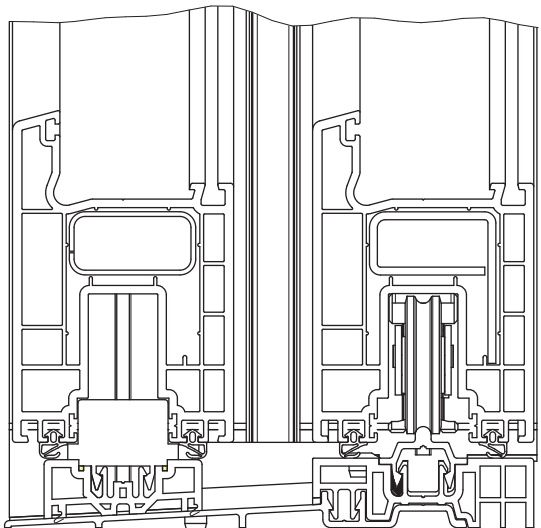
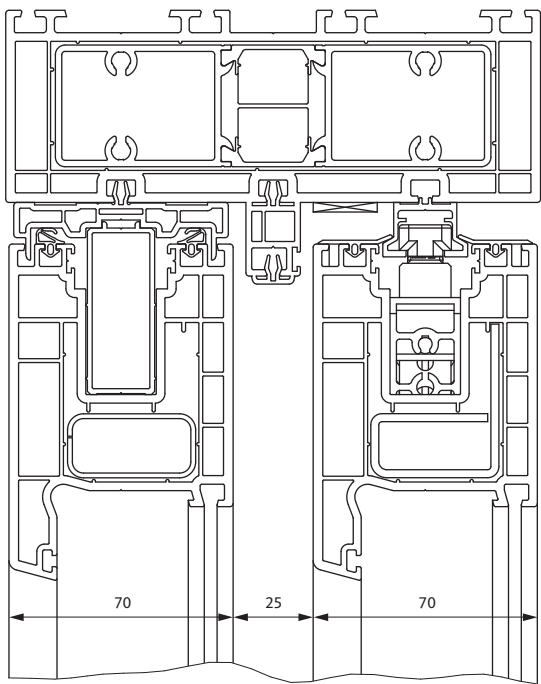


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	858–2758 mm	300 kg	GU-934

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44292	from page 211
GU-flatstep 164 threshold	0-45439	from page 214
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

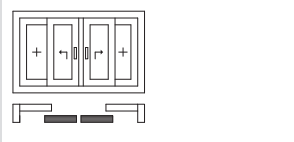
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Schüco Corona CT 70 / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 37.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	858 – 1278	1190	401	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1228 – 1858	1770	401	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1858 – 2358	2270	1001	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2108 – 2758	2670	1001	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3258	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3258	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Schüco Corona CT 70

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Basic hardware set Schüco Corona CT 70	–	1	K-16742-00-0-0

Contains: 1 x gasket plate, 2 x end cap, 8 x adapter

Bag of top guide track

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Bag of top guide	black	1	K-16578-00-0-6

Contains: 2 x slider, 8 x countersunk-head tapping screw, 2 x guide, 2 x packer

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Schüco Corona CT 70 / GU-934 / GU-flatstep 164

Threshold



Base profile						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1

Corner connection parts						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	1	Corner connectors	grey	1	K-16726-01-0-1	
Contains: 2 x corner connector, 8 x sheet-metal screw, 2 x pan-head screw						

Attachment track set						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	3300	EV 1 / light grey	1	K-17715-33-0-1
Contains: 1 x attachment track 1, 1 x intermediate profile, 1 x set of accessories						

P 1659 roller track 10						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	P 1659 roller track 10	6700	EV 1 / light grey	1	9-39330-67-0-1

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [3]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware set for Schüco Corona CT 70 / order number K-16742-00-0-0.
 [3] Similar to RAL 8022

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-01-0-1
			dark brown [1]	1	9-29992-01-0-5
			white, RAL 9016	1	9-29992-01-0-7

[1] Similar to RAL 8022

Veka Slide 82 / GU-934 / GU-thermostep 204

Application ranges – Guideline for fabricators 100-042



RC2

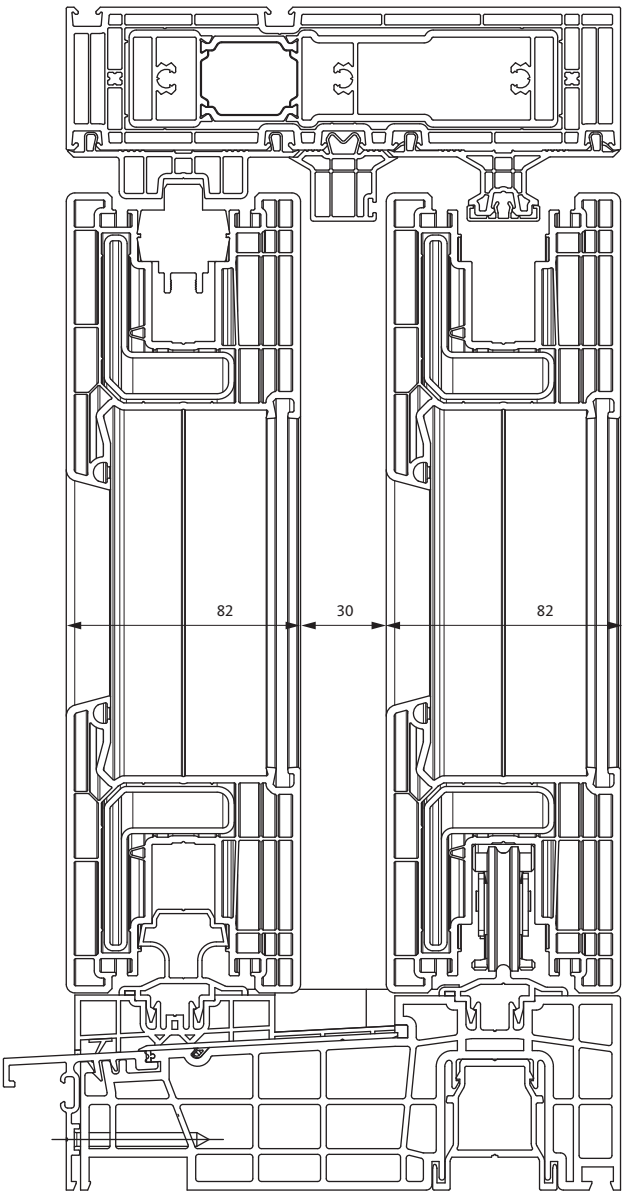
Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	874–2764 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-46594	from page 217
GU-thermostep 204 threshold	0-46594	from page 221
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

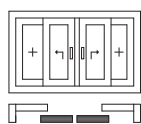
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



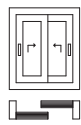
Possible patterns



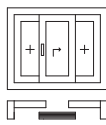
Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



Pattern D
2 Lift&Slide doors
Fig: sliding direction to the right and left



Pattern G1 symmetrical
1 Lift&Slide door
2 fixed-glazed sashes
Fig.: sliding direction to the right



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	G1					
1	2	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
					faceGUard	1	K-16488-00-0-18	

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	2	2	1	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18

L&S bogie and rod – for sash weights up to 400 kg



Lift&Slide bogie								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	G1					
1	2	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
					faceGUard	1	K-16488-00-0-18	

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

1	2	2	1	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1	
					faceGUard	1	K-17804-01-0-18	

Contains: 2 x L&S bogies, centre

Rod Ø 8 mm								
Pattern				Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	2	2	1	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
						faceGUard	1	9-25476-11-0-18
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
						faceGUard	1	9-25476-14-0-18
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
						faceGUard	1	9-25476-18-0-18
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
						faceGUard	1	9-25476-33-0-18

Veka Slide 82 / GU-934 / GU-thermostep 204

Hardware requirements – Guideline for fabricators 100-042



Lift&Slide gear, 27.5 mm backset

Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D	G1				Cover rail	Lock case, connecting rod		
1	2	2	1	874 – 1284	1190	406	EV 1 / light grey	ferGUard	10	6-30019-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-11-0-5
							EV 1 / light grey	faceGUard	10	6-30019-11-0-18
				1234 – 1864	1770	406	EV 1 / light grey	ferGUard	10	6-30019-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-19-0-5
							EV 1 / light grey	faceGUard	10	6-30019-19-0-18
				1864 – 2364	2270	1006	EV 1 / light grey	ferGUard	10	6-30019-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-24-0-5
							EV 1 / light grey	faceGUard	10	6-30019-24-0-18
				2114 – 2764	2670	1006	EV 1 / light grey	ferGUard	10	6-30019-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-28-0-5
							EV 1 / light grey	faceGUard	10	6-30019-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	2	1	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	2	1	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
							UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Veka Slide, pattern A

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	–	2	1	Basic hardware set Veka Slide, pattern A	–	1	K-18002-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 6 x spacer, 2 x rubber buffer, 1 x set of screws

Basic hardware set Veka Slide, pattern C

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
–	1	–	–	Basic hardware set Veka Slide, pattern C	–	1	K18011-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 14 x spacer, 4 x rubber buffer, 2 x set of screws, 2 x gasket plate

Bridging gasket						
Pattern				Designation	PU	Order no.
A	C	D	G1			
–	–	1	–	Bridging gasket	1	6-22154-36-0-0

Locking set for pattern G						
Pattern				Designation	PU	Order no.
A	C	D	G1			
–	–	–	1	Locking set for pattern G	1	K-17940-00-0-1
Contains: 1 x centre-lock, 1 x rod, 1 x spacer, 1 x accessories						

Optional: packer for frame cam							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
2	2	4	–	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8
				Packer 1.0 mm	stainless steel	1	K-18309-02-0-8
Contains: 10 x packer							

Accessory requirements

HS SilentClose / HS StopUnit							
Pattern				Designation	SW [kg]	PU	Order no.
A	C	D	G1				
1	2	2	1	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
					up to 400	1	K-19463-00-0-6
1	2	2	1	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
					up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit							
[2] Contains: 1 x damping unit							

Accessories set HS SilentClose / HS StopUnit Veka Slide 82							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	Set accessories Veka Slide 82	black	1	K-19884-00-0-6
Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories							

Veka Slide 82 / GU-934 / GU-thermostep 204

Optional additional components – Guideline for fabricators 100-042



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	G1					
1	2	2	1	Tension spring	–	1	9-40235-05-0-0	
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces								

L&S handle damper [1]								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	G1					
1	2	2	1	L&S handle damper	–	1	K-19053-00-0-6	
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash								

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	G1					
1	2	2	–	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	
Contains: 2 x wedge, 2 x lever, 2 x support								

L&S corner-drive with anti-jemmy device							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	–	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1
					UC 5 / dark bronze	1	K-16570-00-0-5
Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw							

P 959 connecting rod for L&S anti-jemmy device									
Pattern				Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	G1						
1	2	2	–	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
					1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
					1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
					2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
					Stock length	4800	ferGUard	1	9-28355-48-0-1

Base profile					Designation	Length [mm]	Finish	PU	Order no.
Pattern									
A	C	D	G1						
1	1	1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1	
					3500	EV 1 / light grey	1	6-36035-35-0-1	
						UC 5 / dark bronze	1	6-36035-35-0-5	
					4000	EV 1 / light grey	1	6-36035-40-0-1	
					4500	EV 1 / light grey	1	6-36035-45-0-1	
					5000	EV 1 / light grey	1	6-36035-50-0-1	
						UC 5 / dark bronze	1	6-36035-50-0-5	
					6700	EV 1 / light grey	1	6-36035-67-0-1	
						UC 5 / dark bronze	1	6-36035-67-0-5	

Corner connection parts							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	1	1	1	Corner connectors	EV 1 / light grey	1	K-18516-00-0-1
Contains: 2 x corner connector, 2 x gasket plate							

Tread threshold set / Veka Slide 82								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	1	–	1	Tread threshold set / Veka Slide 82	3000	EV 1 / light grey	1	K-18772-30-0-1
					4000	EV 1 / light grey	1	K-18772-40-0-1
					5000	EV 1 / light grey	1	K-18772-50-0-1
Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail								
Accessories from 5000 mm								
1	1	1	1	Drip rail 5	6700	EV 1 / light grey	1	9-47957-67-0-1
1	1	0	1	GU-thermostep 204 tread threshold	3300	EV 1 / light grey	1	P-01950-33-0-1
1	1	–	1	Roller track profile 3mm, excentric	6700	EV 1 / light grey	1	P-01976-67-0-1

Veka Slide 82 / GU-934 / GU-thermostep 204

Threshold – Guideline for fabricators 100-042



Attachment track set Veka Slide									
Pattern				Designation	Length [mm]	Finish	PU	Order no.	
A	C	D	G1						
1	2	–	2	Attachment track set Veka Slide	2500	EV 1 / light grey	1	K-18773-25-0-1	
Contains: 1 x spacer profile, 1 x attachment track									

Attachment track from 500 mm

Attachment track-1 19/77									
Pattern				Designation	Length [mm]	Finish	PU	Order no.	
A	C	D	G1						
1	2	–	1	Attachment track-1 19/77	3300	EV 1 / light grey	1	P-02002-33-0-1	

Spacer profile (P 1983)									
Pattern				Designation	Length [mm]	Finish	PU	Order no.	
A	C	D	G1						
1	1	–	1	Spacer profile (P 1983)	3300	EV 1 / light grey	1	P-01983-33-0-1	

Accessories set for attachment track Veka Slide 82									
Pattern				Designation	Length [mm]	Finish	PU	Order no.	
A	C	D	G1						
1	2	–	2	Accessories set for attachment track Veka Slide 82	3300	EV 1 / light grey	1	K-18774-00-0-1	
Contains: 8 x gasket plate, 1 x gasket pad, 2 x end cap, 1 x joint, 1 x set of washers, 1 x fixing screw, 1 x gasket sleeve, 1 x tread threshold									

Set attachment track Veka Slide 82, scheme D									
Pattern				Designation			PU	Order no.	
A	C	D	G1						
–	–	1	–	Set attachment track Veka Slide 82, pattern D			1	K-18775-25-0-1	
Contains: 1 x gasket profile, 1 x drip rail, 2 x attachment track, 2 x roller track profile									

Accessories set for attachment track Veka Slide 82, pattern D									
Pattern				Designation			PU	Order no.	
A	C	D	G1						
–	–	1	–	Accessories set for attachment track Veka Slide 82, pattern D			1	K-18776-00-0-1	
Contains: 8 x gasket plate, 1 x gasket pad, 2 x end cap, 1 x joint, 1 x set of washers, 1 x fixing screw, 1 x gasket sleeve, 1 x tread threshold									

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
					dark brown [3]	1	6-24608-00-0-5
					white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).
 [2] The fixing screws are contained in the basic hardware for Veka Slide 82 / order number K-18002-00-0-0.
 [3] Similar to RAL 8022

Countersunk screws M6 x 90							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
2	4	4	2	Countersunk screws M6 x 90	yellow galvanised	1	9-13274-90-R-3

L&S flush pull							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
					dark brown [1]	1	9-29992-02-0-5
					white, RAL 9016	1	9-29992-02-0-7

[1] Similar to RAL 8022

Veka Slide 82 / GU-934 / GU-thermostep 204

Application ranges – Guideline for fabricators 100-042a
Technical change status 01/2017



RC2

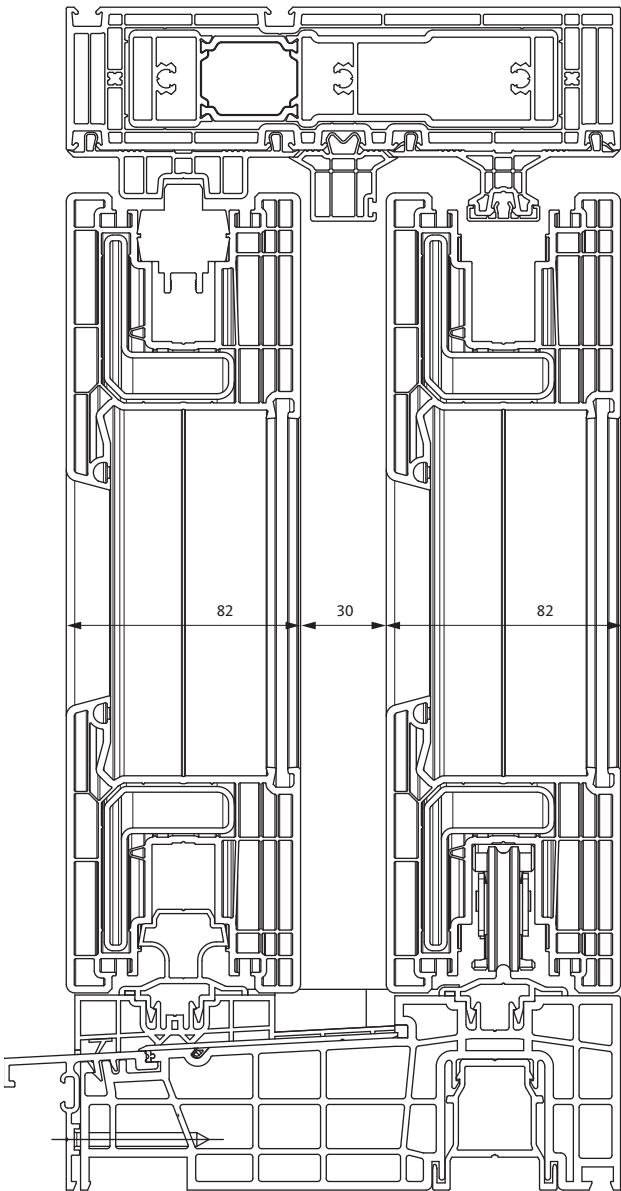
Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	874–2764 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-48573	from page 225
GU-thermostep 204 threshold	0-48573	from page 229
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

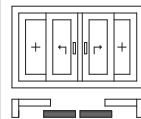
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



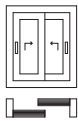
Possible patterns



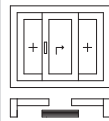
- Pattern A**
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



- Pattern C**
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



- Pattern D**
2 Lift&Slide doors
Fig: sliding direction to the right and left



- Pattern G1 symmetrical**
1 Lift&Slide door
2 fixed-glazed sashes
Fig.: sliding direction to the right

Veka Slide 82 / GU-934 / GU-thermostep 204

Hardware requirements – Guideline for fabricators 100-042a
Technical change status 01/2017



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie								
Pattern					Designation	Finish	PU	Order no.
A	C	D	G1					
1	2	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
					faceGUard	1	K-16488-00-0-18	
Contains: 1 x L&S bogie front. 1 x L&S bogie rear								

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm									
Pattern					Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	G1						
1	2	2	1	720 – 1600	1100	ferGUard	1	9-25476-11-0-1	
						faceGUard	1	9-25476-11-0-18	
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1	
						faceGUard	1	9-25476-14-0-18	
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1	
						faceGUard	1	9-25476-18-0-18	
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1	
						faceGUard	1	9-25476-33-0-18	

L&S bogie and rod – for sash weights up to 400 kg



Lift&Slide bogie								
Pattern				Designation	Finish	PU	Order no.	
A	C	D	G1					
1	2	2	1	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1	
					faceGUard	1	K-16488-00-0-18	
Contains: 1 x L&S bogie front, 1 x L&S bogie rear								
1	2	2	1	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1	
					faceGUard	1	K-17804-01-0-18	
Contains: 2 x L&S bogies, centre								

Rod Ø 8 mm									
Pattern					Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	G1						
1	2	2	1	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1	
						faceGUard	1	9-25476-11-0-18	
				1601 – 1850	1350	ferGUard	1	9-25476-14-0-1	
						faceGUard	1	9-25476-14-0-18	
				1851 – 2350	1850	ferGUard	1	9-25476-18-0-1	
						faceGUard	1	9-25476-18-0-18	
				2351 – 3300	3300	ferGUard	1	9-25476-33-0-1	
						faceGUard	1	9-25476-33-0-18	

Veka Slide 82 / GU-934 / GU-thermostep 204

Hardware requirements – Guideline for fabricators 100-042a

Technical change status 01/2017



Lift&Slide gear, 27.5 mm backset

Pattern				Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C	D	G1				Cover rail	Lock case, connecting rod		
1	2	2	1	874 – 1284	1190	406	EV 1 / light grey	ferGUard	10	6-30019-11-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-11-0-5
							EV 1 / light grey	faceGUard	10	6-30019-11-0-18
				1234 – 1864	1770	406	EV 1 / light grey	ferGUard	10	6-30019-19-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-19-0-5
							EV 1 / light grey	faceGUard	10	6-30019-19-0-18
				1864 – 2364	2270	1006	EV 1 / light grey	ferGUard	10	6-30019-24-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-24-0-5
							EV 1 / light grey	faceGUard	10	6-30019-24-0-18
				2114 – 2764	2670	1006	EV 1 / light grey	ferGUard	10	6-30019-28-0-1
							UC 5 / dark bronze	ferGUard	10	6-30019-28-0-5
							EV 1 / light grey	faceGUard	10	6-30019-28-0-18
Optional: Gear and cover-rail extension set 500 mm										
1	2	2	1	max. 3264	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
							UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
							EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm										
1	2	2	1	max. 3264	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
							UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Veka Slide, pattern A

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	–	2	1	Basic hardware set Veka Slide, pattern A	–	1	K-18002-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 6 x spacer, 2 x rubber buffer, 1 x set of screws

Basic hardware set Veka Slide, pattern C

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
–	1	–	–	Basic hardware set Veka Slide, pattern C	–	1	K18011-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 14 x spacer, 4 x rubber buffer, 2 x set of screws, 2 x gasket plate

Veka Slide 82 / GU-934 / GU-thermostep 204

Hardware requirements – Guideline for fabricators 100-042a
Technical change status 01/2017



Bridging gasket							
Pattern				Designation	PU	Order no.	
A	C	D	G1				
–	–	1	–	Bridging gasket	1	6-22154-36-0-0	

Locking set for pattern G							
Pattern				Designation	PU	Order no.	
A	C	D	G1				
–	–	–	1	Locking set for pattern G	1	K-17940-00-0-1	
Contains: 1 x centre-lock, 1 x rod, 1 x spacer, 1 x accessories							

Optional: packer for frame cam							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
2	2	4	–	Packer 0.5 mm	stainless steel	1	K-18309-01-0-8
				Packer 1.0 mm	stainless steel	1	K-18309-02-0-8
Contains: 10 x packer							

Accessory requirements

HS SilentClose / HS StopUnit							
Pattern				Designation	SW [kg]	PU	Order no.
A	C	D	G1				
1	2	2	1	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
					up to 400	1	K-19463-00-0-6
1	2	2	1	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
					up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit							
[2] Contains: 1 x damping unit							

Accessories set HS SilentClose / HS StopUnit Veka Slide 82							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	Set accessories Veka Slide 82	black	1	K-19884-00-0-6
Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories							

Veka Slide 82 / GU-934 / GU-thermostep 204

Optional additional components – Guideline for fabricators 100-042a
Technical change status 01/2017



Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	Tension spring	–	1	9-40235-05-0-0

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	L&S handle damper	–	1	K-19053-00-0-6

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	–	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device

Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	–	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device

Pattern				Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C	D	G1						
1	2	2	–	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
					1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
					1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
					2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
					Stock length	4800	ferGUard	1	9-28355-48-0-1

Veka Slide 82 / GU-934 / GU-thermostep 204



Threshold – Guideline for fabricators 100-042a

Technical change status 01/2017

Base profile									
Pattern				Designation	Length [mm]	Finish	PU	Order no.	
A	C	D	G1						
1	1	1	1	GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1	
					3500	EV 1 / light grey	1	6-36035-35-0-1	
						UC 5 / dark bronze	1	6-36035-35-0-5	
					4000	EV 1 / light grey	1	6-36035-40-0-1	
					4500	EV 1 / light grey	1	6-36035-45-0-1	
					5000	EV 1 / light grey	1	6-36035-50-0-1	
						UC 5 / dark bronze	1	6-36035-50-0-5	
					6700	EV 1 / light grey	1	6-36035-67-0-1	
						UC 5 / dark bronze	1	6-36035-67-0-5	

Corner connection parts									
Pattern				Designation	Finish	PU	Order no.		
A	C	D	G1						
1	1	1	1	Corner connectors	grey	1	K-18516-00-0-1		
Contains: 2 x corner connector, 2 x gasket plate									

Tread threshold set / Veka Slide 82								
Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	1	–	1	Tread threshold set / Veka Slide 82	3000	EV 1 / light grey	1	K-18772-30-0-1
					4000	EV 1 / light grey	1	K-18772-40-0-1
					5000	EV 1 / light grey	1	K-18772-50-0-1
Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail								
Accessories from 5000 mm								
1	1	1	1	Drip rail 5	6700	EV 1 / light grey	1	9-47957-67-0-1
1	1	–	1	GU-thermostep 204 tread threshold	3300	EV 1 / light grey	1	P-01950-33-0-1
1	1	–	1	Roller track profile 3mm, excentric	6700	EV 1 / light grey	1	P-01976-67-0-1

Veka Slide 82 / GU-934 / GU-thermostep 204

Threshold – Guideline for fabricators 100-042a

Technical change status 01/2017



Attachment track set Veka Slide

Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	2	–	2	Attachment track set Veka Slide	2500	EV 1 / light grey	1	K-19807-25-0-1

Contains: 1 x spacer profile, 1 x attachment track

Attachment track-1 19/77

Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	1	–	1	Attachment track-1 19/77	3300	EV 1 / light grey	1	P-02002-33-0-1

Spacer profile (P 1983)

Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	1	–	1	Spacer profile (P 1983)	3300	EV 1 / light grey	1	P-01983-33-0-1

Accessories set for attachment track Veka Slide 82

Pattern				Designation	Length [mm]	Finish	PU	Order no.
A	C	D	G1					
1	2	–	2	Accessories set for attachment track Veka Slide 82	3300	EV 1 / light grey	1	K-18774-00-0-1

Contains: 8 x gasket plate, 1 x gasket pad, 2 x end cap, 1 x joint, 1 x set of washers, 1 x fixing screw, 1 x gasket sleeve, 1 x tread threshold

Set attachment track Veka Slide 82, scheme D

Pattern				Designation	PU	Order no.
A	C	D	G1			
–	–	1	–	Set attachment track Veka Slide 82, pattern D	1	K-19809-25-0-1

Contains: 1 x gasket profile, 1 x drip rail, 2 x attachment track, 2 x roller track profile

Accessories set for attachment track Veka Slide 82, pattern D

Pattern				Designation	PU	Order no.
A	C	D	G1			
–	–	1	–	Set attachment track Veka Slide 82, pattern D	1	K-19810-00-0-1

Contains: 8 x gasket plate, 1 x gasket pad, 2 x end cap, 1 x joint, 1 x set of washers, 1 x fixing screw, 1 x gasket sleeve, 1 x tread threshold

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
					dark brown [3]	1	6-24608-00-0-5
					white, RAL 9016	1	6-24608-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware for Veka Slide 82 / order number K-18002-00-0-0. [3] Similar to RAL 8022							

Countersunk screws M6 x 90							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
2	4	4	2	Countersunk screws M6 x 90	yellow galvanised	1	9-13274-90-R-3

L&S flush pull							
Pattern				Designation	Finish	PU	Order no.
A	C	D	G1				
1	2	2	1	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
					dark brown [1]	1	9-29992-02-0-5
					white, RAL 9016	1	9-29992-02-0-7
[1] Similar to RAL 8022							

Veka Slide 70 / GU-934 / GU-thermostep 164

Application ranges – Guideline for fabricators 100-030c



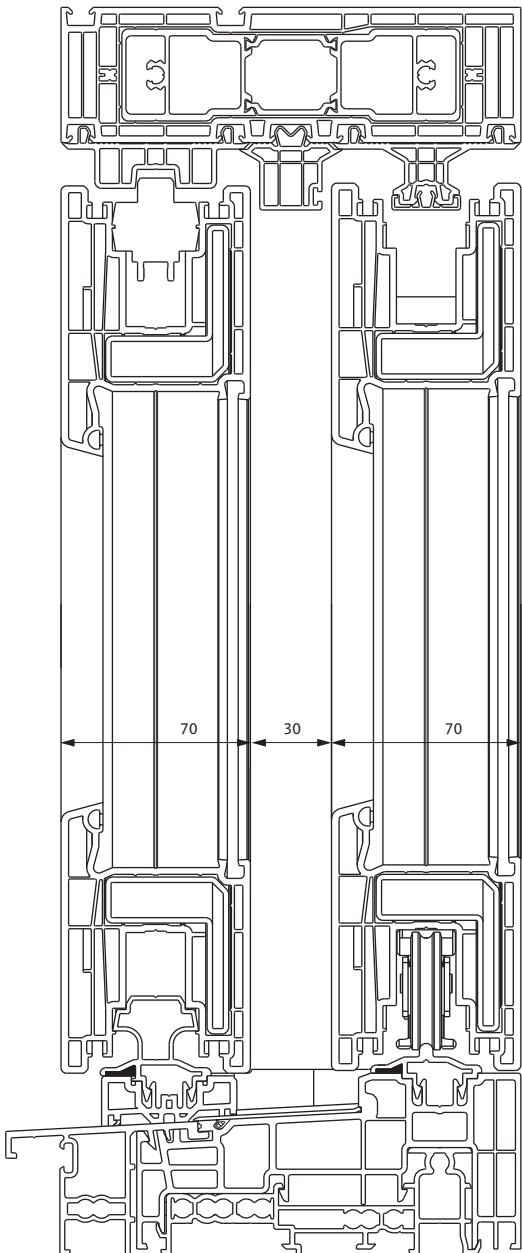
Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	850–2750 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45551	from page 233
GU-thermostep 164 threshold	0-45551	from page 236
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

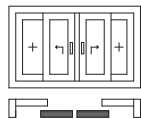
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Veka Slide 70 / GU-934 / GU-thermostep 164

Hardware requirements – Guideline for fabricators 100-030c



Lift&Slide gear, 27.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	850 – 1270	1190	406	EV 1 / light grey	ferGUard	10	6-30019-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-11-0-5
					EV 1 / light grey	faceGUard	10	6-30019-11-0-18
		1220 – 1850	1770	406	EV 1 / light grey	ferGUard	10	6-30019-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-19-0-5
					EV 1 / light grey	faceGUard	10	6-30019-19-0-18
		1850 – 2350	2270	1006	EV 1 / light grey	ferGUard	10	6-30019-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-24-0-5
					EV 1 / light grey	faceGUard	10	6-30019-24-0-18
		2100 – 2750	2670	1006	EV 1 / light grey	ferGUard	10	6-30019-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-28-0-5
					EV 1 / light grey	faceGUard	10	6-30019-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Veka Slide, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Basic hardware set Veka Slide, pattern A	–	1	K-18002-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 6 x spacer, 2 x rubber buffer, 1 x set of screws

Basic hardware set Veka Slide, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Basic hardware set Veka Slide, pattern C	–	1	K-18011-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 14 x spacer, 4 x rubber buffer, 2 x set of screws, 2 x counter profile gasket plate

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Veka Slide 70 / GU-934 / GU-thermostep 164

Threshold – Guideline for fabricators 100-030c



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Corner connection parts, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Corner connector, pattern A	grey	1	K-17871-00-0-1

Contains: 2 x corner connector

Corner connection parts, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Corner connector, pattern C	grey	1	K-17871-10-0-1

Contains: 2 x corner connector

Tread threshold set Veka Slide

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set Veka Slide	3000	EV 1 / light grey	1	K-18004-30-0-1
			4000	EV 1 / light grey	1	K-18004-40-0-1
			5000	EV 1 / light grey	1	K-18004-50-0-1

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set [1]						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-18005-25-0-1
Accessories set for attachment track [2]						
1	2	Attachment track set		EV 1 / light grey	1	K-18006-00-0-1
[1] Accessories: 1 x attachment track, 1 x intermediate profile, 1 x spacer profile						
[2] Accessories: 2 x end cap, 9 x gasket plate						
Sealing tape for fixed-glazed sash						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Sealing tape for fixed-glazed sash	black	1	9-47108-00-0-6	

Veka Slide 70 / GU-934 / GU-thermostep 164

L&S turn handles – Guideline for fabricators 100-030c



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.
You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).

[2] The fixing screws are contained in the basic hardware for Veka Slide Schema A / order number K-18002-00-0-0.
The fixing screws are contained in the basic hardware for Veka Slide Schema C / order number K-18011-00-0-0.

[3] Similar to RAL 8022

L&S flush pull

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
			dark brown [1]	1	9-29992-02-0-5
			white, RAL 9016	1	9-29992-02-0-7

[1] Similar to RAL 8022

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit [2] Contains: 1 x damping unit					

Accessories set for HS SilentClose / HS StopUnit Veka Slide					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Veka Slide	black	1	K-19883-00-0-6
Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories					

Veka Slide 70 / GU-934 / GU-thermostep 164

Application ranges – Guideline for fabricators 100-030c
Technical change status 01/2017



RC2

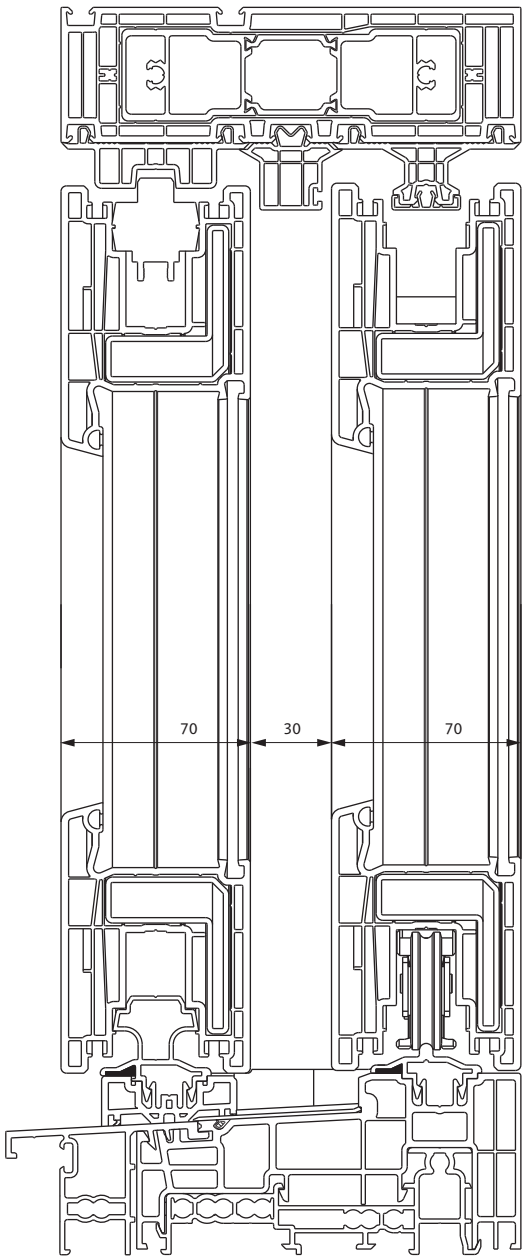
Application ranges

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	850–2750 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45551	from page 241
GU-thermostep 164 threshold	0-45551	from page 244
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

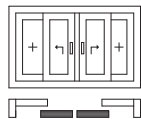
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Veka Slide 70 / GU-934 / GU-thermostep 164

Hardware requirements – Guideline for fabricators 100-030c

Technical change status 01/2017



Lift&Slide gear, 27.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	850 – 1270	1190	406	EV 1 / light grey	ferGUard	10	6-30019-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-11-0-5
					EV 1 / light grey	faceGUard	10	6-30019-11-0-18
		1220 – 1850	1770	406	EV 1 / light grey	ferGUard	10	6-30019-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-19-0-5
					EV 1 / light grey	faceGUard	10	6-30019-19-0-18
		1850 – 2350	2270	1006	EV 1 / light grey	ferGUard	10	6-30019-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-24-0-5
					EV 1 / light grey	faceGUard	10	6-30019-24-0-18
		2100 – 2750	2670	1006	EV 1 / light grey	ferGUard	10	6-30019-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-28-0-5
EV 1 / light grey	faceGUard				10	6-30019-28-0-18		
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Veka Slide, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Basic hardware set Veka Slide, pattern A	–	1	K-18002-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 6 x spacer, 2 x rubber buffer, 1 x set of screws

Basic hardware set Veka Slide, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Basic hardware set Veka Slide, pattern C	–	1	K-18011-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 14 x spacer, 4 x rubber buffer, 2 x set of screws, 2 x gasket plate

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device							
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU	Order no.
A	C						
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1	9-28355-10-0-1
			1221 – 1720	1500	ferGUard	1	9-28355-15-0-1
			1721 – 2020	1800	ferGUard	1	9-28355-18-0-1
			2021 – 3000	2600	ferGUard	1	9-28355-26-0-1
			Stock length	4800	ferGUard	1	9-28355-48-0-1

Veka Slide 70 / GU-934 / GU-thermostep 164

Threshold – Guideline for fabricators 100-030c

Technical change status 01/2017



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
			3500	EV 1 / light grey	1	6-29938-35-0-1
			4000	EV 1 / light grey	1	6-29938-40-0-1
			4500	EV 1 / light grey	1	6-29938-45-0-1
			5000	EV 1 / light grey	1	6-29938-50-0-1
			6700	EV 1 / light grey	1	6-29938-67-0-1
				UC 5 / dark bronze	1	6-29938-67-0-5

Corner connection parts, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Corner connector, pattern A	grey	1	K-17871-00-0-1

Contains: 2 x corner connector

Corner connection parts, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Corner connector, pattern C	grey	1	K-17871-10-0-1

Contains: 2 x corner connector

Tread threshold set Veka Slide

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	Tread threshold set Veka Slide	3000	EV 1 / light grey	1	K-18004-30-0-1
			4000	EV 1 / light grey	1	K-18004-40-0-1
			5000	EV 1 / light grey	1	K-18004-50-0-1

Contains: 1 x tread threshold, 1 x roller track, 1 x drip rail

Attachment track set [1]						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-19849-25-0-1
Accessories set for attachment track [2]						
1	2	Attachment track set		EV 1 / light grey	1	K-19947-00-0-1
[1] Accessories: 1 x attachment track, 1 x intermediate profile, 1 x spacer profile						
[2] Accessories: 2 x end cap, 9 x gasket plate						
Sealing tape for fixed-glazed sash						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Sealing tape for fixed-glazed sash	black	1	9-47108-00-0-6	

Veka Slide 70 / GU-934 / GU-thermostep 164

L&S turn handles – Guideline for fabricators 100-030c

Technical change status 01/2017



L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).

[2] The fixing screws are contained in the basic hardware for Veka Slide Schema A / order number K-18002-00-0-0.

The fixing screws are contained in the basic hardware for Veka Slide Schema C / order number K-18011-00-0-0.

[3] Similar to RAL 8022

L&S flush pull

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
			dark brown [1]	1	9-29992-02-0-5
			white, RAL 9016	1	9-29992-02-0-7

[1] Similar to RAL 8022

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit [2] Contains: 1 x damping unit					

Accessories set for HS SilentClose / HS StopUnit Veka Slide					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Veka Slide	black	1	K-19883-00-0-6
Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories					

Veka Slide 70 / GU-934 / GU-threshold

Application ranges



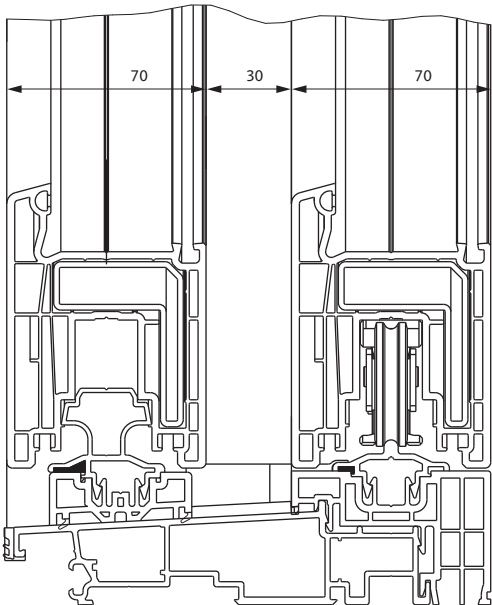
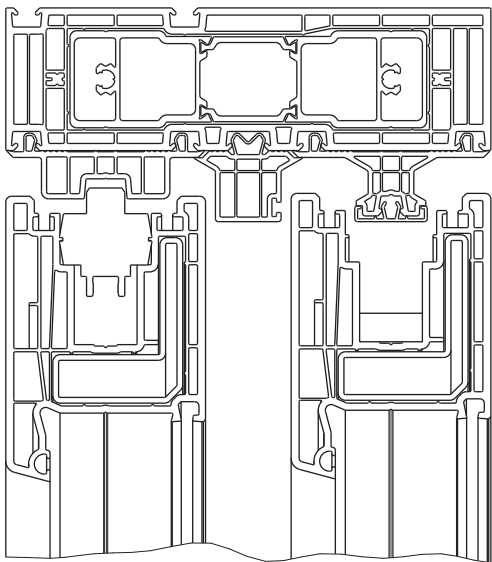
RC2

Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	850–2750 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45551	from page 249
GU-threshold 47 threshold	0-45581	from page 252
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

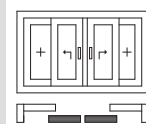
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



- Pattern A**
- 1 Lift&Slide door
 - 1 fixed-glazed sash
 - Fig.: sliding direction to the right



- Pattern C**
- 2 Lift&Slide doors
 - 2 fixed-glazed sashes
 - Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					
1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18
Contains: 2 x L&S bogies, centre					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Veka Slide 70 / GU-934 / GU-threshold 47

Hardware requirements



Lift&Slide gear, 27.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	850 – 1270	1190	406	EV 1 / light grey	ferGUard	10	6-30019-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-11-0-5
					EV 1 / light grey	faceGUard	10	6-30019-11-0-18
		1220 – 1850	1770	406	EV 1 / light grey	ferGUard	10	6-30019-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-19-0-5
					EV 1 / light grey	faceGUard	10	6-30019-19-0-18
		1850 – 2350	2270	1006	EV 1 / light grey	ferGUard	10	6-30019-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-24-0-5
					EV 1 / light grey	faceGUard	10	6-30019-24-0-18
		2100 – 2750	2670	1006	EV 1 / light grey	ferGUard	10	6-30019-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-28-0-5
					EV 1 / light grey	faceGUard	10	6-30019-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5
Basic hardware set Veka Slide, pattern A								
Pattern		Designation				Finish	PU	Order no.
A	C							
1	–	Basic hardware set Veka Slide, pattern A				–	1	K-18002-00-0-0
Contains: 4 x countersunk screw, 2 x frame cam, 6 x spacer, 2 x rubber buffer, 1 x set of screws								
Basic hardware set Veka Slide, pattern C								
Pattern		Designation				Finish	PU	Order no.
A	C							
–	1	Basic hardware set Veka Slide, pattern C				–	1	K-18011-00-0-0
Contains: 4 x countersunk screw, 2 x frame cam, 14 x spacer, 4 x rubber buffer, 2 x set of screws, 2 x gasket plate								

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	black	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Veka Slide 70 / GU-934 / GU-threshold 47

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-threshold 47 base profile	6700	EV 1 / light grey	1	6-33848-67-0-1

Corner connection parts, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Corner connector, pattern A	grey	1	K-17871-00-0-1

Contains: 2 x corner connector

Corner connection parts, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Corner connector, pattern C	grey	1	K-17871-11-0-1

Contains: 2 x corner connector

Roller track P 1847

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Roller track P 1847	6700	EV 1 / light grey	1	P-01847-67-0-1

Sealing tapes

Pattern		Designation	Length [m]	Finish	PU	Order no.
A	C					
1	2	Sealing tape for fixed-glazed sash	22	black	1	9-47108-00-0-6
1	2	Sealing tape for roller track				9-47108-01-0-6

Attachment track set [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-18005-25-0-1

Accessories set for attachment track [2]

1	2	Attachment track set		EV 1 / light grey	1	K-18141-00-0-1
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[1] Accessories: 1 x attachment track, 1 x intermediate profile, 1 x spacer profile

[2] Accessories: 2 x end cap, 9 x gasket plate

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware for Veka Slide Schema A / order number K-18002-00-0-0. The fixing screws are contained in the basic hardware for Veka Slide Schema C / order number K-18011-00-0-0. [3] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
			dark brown [1]	1	9-29992-02-0-5
			white, RAL 9016	1	9-29992-02-0-7
[1] Similar to RAL 8022					

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [1]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit					

Accessories set for HS SilentClose / HS StopUnit Veka Slide					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Veka Slide	black	1	K-19883-00-0-6
Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories					

Veka Slide 70 / GU-934 / GU-flatstep 164

Application ranges

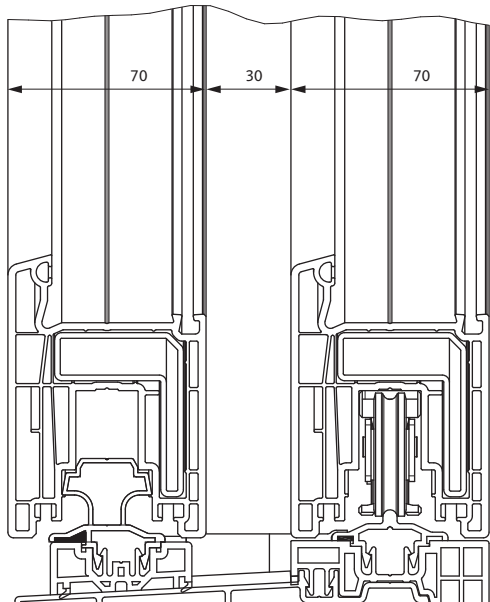
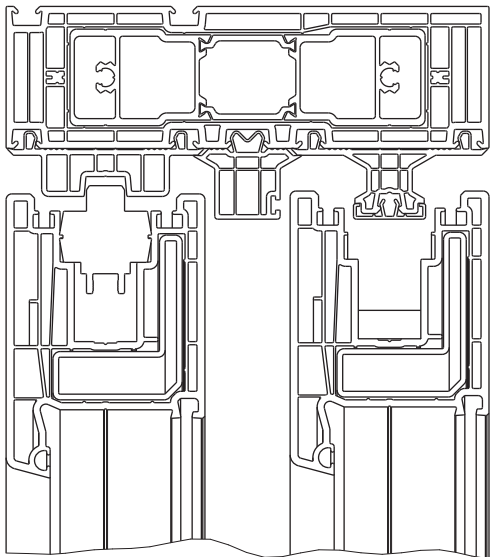


Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	850–2750 mm	300 kg	GU-934
		400 kg	GU-934 Tandem

SH : SW = 2.5 : 1

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-45551	from page 255
GU-flatstep 164 threshold	0-45867	from page 258
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388
Order information for HS SilentClose / HS StopUnit		from page 372

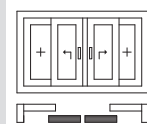
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	720 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18



L&S bogie and rod – for sash weights up to 400 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18

Contains: 1 x L&S bogie front, 1 x L&S bogie rear

1	2	L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
			faceGUard	1	K-17804-01-0-18

Contains: 2 x L&S bogies, centre

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	1230 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Veka Slide 70 / GU-934 / GU-flatstep 164

Hardware requirements



Lift&Slide gear, 27.5 mm backset

Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	850 – 1270	1190	406	EV 1 / light grey	ferGUard	10	6-30019-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-11-0-5
					EV 1 / light grey	faceGUard	10	6-30019-11-0-18
		1220 – 1850	1770	406	EV 1 / light grey	ferGUard	10	6-30019-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-19-0-5
					EV 1 / light grey	faceGUard	10	6-30019-19-0-18
		1850 – 2350	2270	1006	EV 1 / light grey	ferGUard	10	6-30019-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-24-0-5
					EV 1 / light grey	faceGUard	10	6-30019-24-0-18
		2100 – 2750	2670	1006	EV 1 / light grey	ferGUard	10	6-30019-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30019-28-0-5
					EV 1 / light grey	faceGUard	10	6-30019-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3250	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Basic hardware set Veka Slide, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Basic hardware set Veka Slide, pattern A	–	1	K-18002-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 6 x spacer, 2 x rubber buffer, 1 x set of screws

Basic hardware set Veka Slide, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Basic hardware set Veka Slide, pattern C	–	1	K-18011-00-0-0

Contains: 4 x countersunk screw, 2 x frame cam, 14 x spacer, 4 x rubber buffer, 2 x set of screws, 2 x gasket plate

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	Tension spring	–	1	9-40235-05-0-0	

[1] Recommended from a sash weight of 200 kg for reduction of the operating forces

L&S handle damper [1]						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S handle damper	–	1	K-19053-00-0-6	

[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash

Additional kit 'burglar protection' (see chapter 4.4)

L&S anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S anti-jemmy device	EV 1 / light grey	1	K-16569-00-0-1	

Contains: 2 x wedge, 2 x lever, 2 x support

L&S corner-drive with anti-jemmy device						
Pattern		Designation	Finish	PU	Order no.	
A	C					
1	2	L&S corner-drive with anti-jemmy device	EV 1 / light grey	1	K-16570-00-0-1	
			UC 5 / dark bronze	1	K-16570-00-0-5	

Contains: 1 x slide block, 1 x lever, 1 x extension, 1 x cover cap, 1 x corner-drive, 2 x guide, 1 x countersunk screw

P 959 connecting rod for L&S anti-jemmy device						
Pattern		Designation	SW [mm]	Length [mm]	Finish	PU
A	C					
1	2	P 959 connecting rod for L&S anti-jemmy device	600 – 1220	1000	ferGUard	1
			1221 – 1720	1500	ferGUard	1
			1721 – 2020	1800	ferGUard	1
			2021 – 3000	2600	ferGUard	1
			Stock length	4800	ferGUard	1

Veka Slide 70 / GU-934 / GU-flatstep 164

Threshold



Base profile

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1

Corner connection parts, pattern A

Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Corner connector, pattern A	grey	1	K-17871-01-0-1

Contains: 2 x corner connector

Corner connection parts, pattern C

Pattern		Designation	Finish	PU	Order no.
A	C				
–	1	Corner connector, pattern C	grey	1	K-17871-11-0-1

Contains: 2 x corner connector

Roller track P 1847

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Roller track P 1847	6700	EV 1 / light grey	1	P-01847-67-0-1

Sealing tapes

Pattern		Designation	Length [m]	Finish	PU	Order no.
A	C					
1	2	Sealing tape for fixed-glazed sash	22	black	1	9-47108-00-0-6
1	2	Sealing tape for roller track				9-47108-01-0-6

Attachment track set [1]

Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	2	Attachment track set	2500	EV 1 / light grey	1	K-18005-25-0-1

Accessories set for attachment track [2]

1	2	Attachment track set		EV 1 / light grey	1	K-18141-00-0-1
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[1] Accessories: 1 x attachment track, 1 x intermediate profile, 1 x spacer profile

[2] Accessories: 2 x end cap, 9 x gasket plate

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1][2]					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24608-00-0-1
			dark brown [3]	1	6-24608-00-0-5
			white, RAL 9016	1	6-24608-00-0-7
[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464). [2] The fixing screws are contained in the basic hardware for Veka Slide Schema A / order number K-18002-00-0-0. The fixing screws are contained in the basic hardware for Veka Slide Schema C / order number K-18011-00-0-0. [3] Similar to RAL 8022					

L&S flush pull					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29992-02-0-1
			dark brown [1]	1	9-29992-02-0-5
			white, RAL 9016	1	9-29992-02-0-7
[1] Similar to RAL 8022					

Accessory requirements

HS SilentClose / HS StopUnit					
Pattern		Designation	SW [kg]	PU	Order no.
A	C				
1	2	HS SilentClose damping unit [1]	up to 200	1	K-19463-01-0-6
			up to 400	1	K-19463-00-0-6
1	2	HS StopUnit damping unit [2]	up to 200	1	K-19955-01-0-6
			up to 400	1	K-19955-00-0-6
[1] Contains: 1 x damping unit [2] Contains: 1 x damping unit					

Accessories set for HS SilentClose / HS StopUnit Veka Slide					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Accessories set Veka Slide	black	1	K-19883-00-0-6
Contains: 1 x installation instructions, 12 x sheet-metal screw, 2 x packer, 1 x cover, 1 x sign, 1 x set of accessories					

Wymar / GU-934 / Wyomar threshold

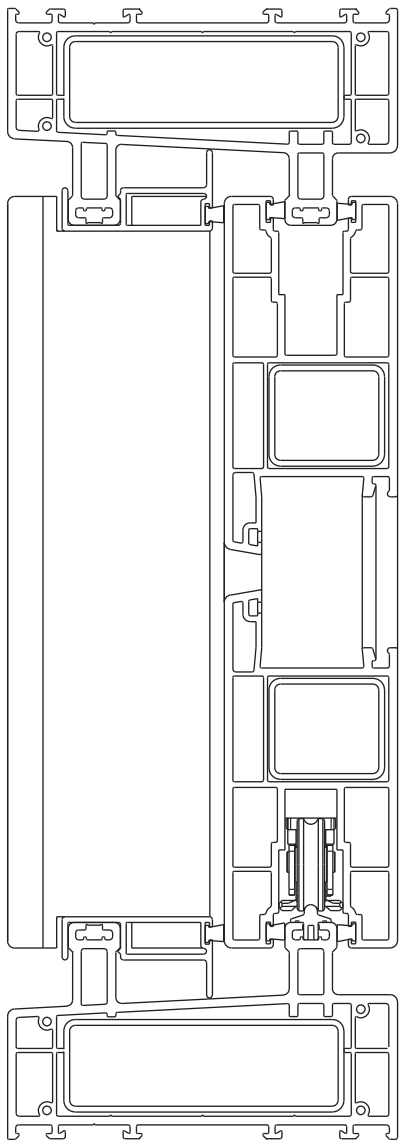
Application ranges



Sash widths / sash heights / sash weights			
Sash width [SW]	Sash height [SH]	Sash weight [SW]	
		maximum	Lift&Slide bogie
720 – 3300	830–2730 mm	300 kg	GU-934
SH : SW = 2.5 : 1			

Installation drawings		
Application range	Drawing	Order information
Lift&Slide hardware GU-934	0-44572	from page 261
HS Master, pattern A	0-44355	from page 344
HS SpeedLimiter	0-44550	from page 370
Locking monitoring set	0-44449	from page 388

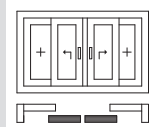
- Note:**
- The product guidelines of the system provider regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear profile expansion) are to be observed.
 - RC2: for tested patterns please refer to our "System file RC2 PVC".



Possible patterns



Pattern A
1 Lift&Slide door
1 fixed-glazed sash
Fig.: sliding direction to the right



Pattern C
2 Lift&Slide doors
2 fixed-glazed sashes
Fig.: sliding direction to the right and left



L&S bogie and rod – for sash weights up to 300 kg

Lift&Slide bogie					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
			faceGUard	1	K-16488-00-0-18
Contains: 1 x L&S bogie front, 1 x L&S bogie rear					

Rod Ø 8 mm						
Pattern		Sash width [mm]	Length [mm]	Finish	PU	Order no.
A	C					
1	2	700 – 1600	1100	ferGUard	1	9-25476-11-0-1
				faceGUard	1	9-25476-11-0-18
		1601 – 1850	1350	ferGUard	1	9-25476-14-0-1
				faceGUard	1	9-25476-14-0-18
		1851 – 2350	1850	ferGUard	1	9-25476-18-0-1
				faceGUard	1	9-25476-18-0-18
		2351 – 3300	3300	ferGUard	1	9-25476-33-0-1
				faceGUard	1	9-25476-33-0-18

Frame cam					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	–	Frame cam	–	1	9-42100-00-0-8
–	1		–	1	6-22648-04-0-8

Cover cap					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	Cover cap	white	1	9-26687-00-0-7

Optional: L&S buffer 90					
Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	L&S buffer 90	black	1	K-12024-00-0-6
			white	1	K-12024-00-0-7
Contains: 1 x buffer, 1 x cover cap, fixing screws					

Wymar / GU-934 / Wymer threshold

Hardware requirements



Lift&Slide gear, 37.5 mm backset								
Pattern		Sash height [mm]	Length [mm]	Handle height [mm]	Finish		PU	Order no.
A	C				Cover rail	Lock case, connecting rod		
1	2	820 – 1240	1190	409	EV 1 / light grey	ferGUard	10	6-30021-11-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-11-0-5
					EV 1 / light grey	faceGUard	10	6-30021-11-0-18
		1190 – 1820	1770	409	EV 1 / light grey	ferGUard	10	6-30021-19-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-19-0-5
					EV 1 / light grey	faceGUard	10	6-30021-19-0-18
		1821 – 2320	2270	1009	EV 1 / light grey	ferGUard	10	6-30021-24-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-24-0-5
					EV 1 / light grey	faceGUard	10	6-30021-24-0-18
		2070 – 2720	2670	1009	EV 1 / light grey	ferGUard	10	6-30021-28-0-1
					UC 5 / dark bronze	ferGUard	10	6-30021-28-0-5
					EV 1 / light grey	faceGUard	10	6-30021-28-0-18
Optional: Gear and cover-rail extension set 500 mm								
1	–	max. 3220	500	–	EV 1 / light grey	ferGUard	10	6-32030-00-0-1
					UC 5 / dark bronze	ferGUard	10	6-32030-00-0-5
					EV 1 / light grey	faceGUard	10	6-32030-00-0-18
Optional: Cover-rail extension set 500 mm								
1	2	max. 3220	500	–	EV 1 / light grey	ferGUard	10	9-28483-05-0-1
					UC 5 / dark bronze	ferGUard	10	9-28483-05-0-5

Optional additional components

Additional kit 'comfort' (see chapter 4.2)

Tension spring [1]				
Pattern		Designation	Finish	PU
A	C			
1	2	Tension spring	–	1
[1] Recommended from a sash weight of 200 kg for reduction of the operating forces				

L&S handle damper [1]				
Pattern		Designation	Finish	PU
A	C			
1	2	L&S handle damper	–	1
[1] Recommended from a sash weight of 100 kg for controlled lowering of the sliding sash				

L&S turn handles

The L&S turn handle versions used in the following application examples are exemplary.

You can find other versions, finishes and handle designs in Chapter 5.0 "L&S turn handles and accessories" from page 395.

Application example 1: L&S interior turn handle – with L&S exterior flush pull

DIRIGENT L&S turn handle [1]

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	DIRIGENT interior L&S turn handle, without PC hole	silver/EV 1 look	1	6-24606-00-0-1
			dark brown [2]	1	6-24606-00-0-5
			white, RAL 9016	1	6-24606-00-0-7

[1] A removable L&S turn handle may be used instead of a fixed handle (see page 464).

[2] Similar to RAL 8022

L&S flush pull

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	L&S flush pull	silver/EV 1 look	1	9-29526-00-0-1
			dark brown [1]	1	9-29526-00-0-5
			white, RAL 9016	1	9-29526-00-0-7

[1] Similar to RAL 8022

Fixing screws

Pattern		Designation	Finish	PU	Order no.
A	C				
2	4	Countersunk screw M6 x 95 mm	–	1	9-13274-70-R-3





2.1 Lift&Slide hardware

GU-934 / GU-934 Tandem	266
GU-937 / GU-937 Tandem	266
Accessories	268

2.2 Thresholds

GU-thermostep 204	286
GU-thermostep 164	304
GU-threshold 47	322
GU-flatstep 164	324
GU-flatstep 222	325

2.3 Roller tracks

326

2.4 Single-part gaskets and gasket profiles

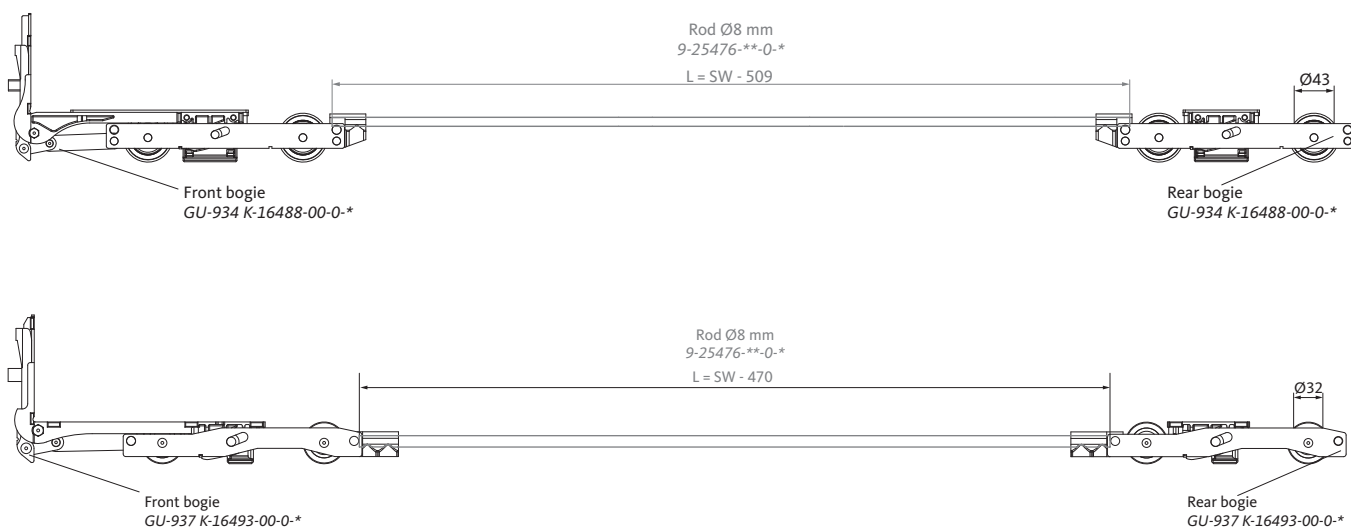
Gasket profiles	330
Gasket pads	331
Gasket plates	332

Lift&Slide bogie

GU-934, GU-934 Tandem / GU-937, GU-937 Tandem

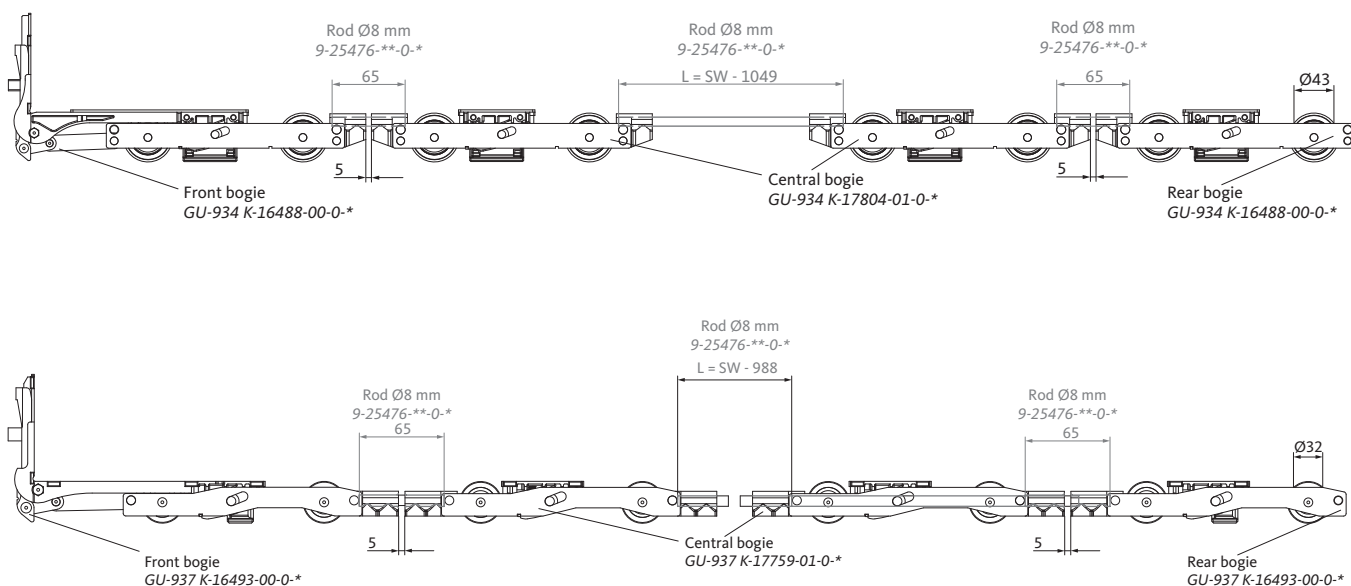


L&S bogie with rod



L&S tandem bogie with rod

Use with a minimum sash width of 1230 mm, respectively 1210 mm depending on the profile





L&S bogie GU-934, L&S tandem bogie GU-934

Designation	Application range [kg]	Contents	PU*	Order no.	
				ferGUard	faceGUard
L&S bogie GU-934	max. 300	1 x L&S bogie, front 1 x L&S bogie, rear	1	K-16488-00-0-1	K-16488-00-0-18
L&S tandem bogie GU-934 [1]	max. 400	2 x L&S bogie, centre	1	K-17804-01-0-1	K-17804-01-0-18

[1] The L&S tandem bogies GU-934 must be used in combination with the corresponding L&S bogies GU-937.

* One PU is required for each sliding sash.

Set of L&S bogies GU-934, L&S tandem bogies GU-934

Designation	Application range [kg]	Contents	PU*	Order no.	
				ferGUard	faceGUard
Set of L&S bogies GU-937	max. 150	1 x L&S bogie, front 1 x L&S bogie, rear	1	K-16493-00-0-1	K-16493-00-0-18
Set of L&S tandem bogies GU-937 [1]	max. 300	2 x L&S bogie, centre	1	K-17759-01-0-1	K-17759-01-0-18

[1] The L&S tandem bogies GU-937 must be used in combination with the corresponding L&S bogies GU-937.

* One PU is required for each sliding sash.

Rod

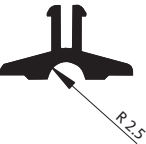
The rods between the L&S bogies are not included in the scope of delivery and must be fabricated separately from the $\varnothing$ 8 mm rod. For the respective lengths, refer to the adjacent figures.

Rod $\varnothing$ 8 mm

Designation	Length [mm]	PU	Order no.	
			ferGUard	faceGUard
Rod $\varnothing$ 8 mm	1100	1	9-25476-11-0-1	9-25476-11-0-18
	1350	1	9-25476-14-0-1	9-25476-14-0-18
	1850	1	9-25476-18-0-1	9-25476-18-0-18
	2800	1	9-25476-28-0-1	9-25476-28-0-18
	3300	1	9-25476-33-0-1	9-25476-33-0-18
	6000	1	9-25476-60-0-1	9-25476-60-0-18

L&S bogie support, adapter VT

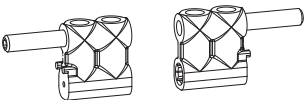
for bogie GU-934



L&S bogie support GU-934

The bogie supports can be used to ensure there is no load whatsoever on the guide rollers of the L&S bogies when the sliding sash is lowered and its total weight is distributed over the roller track into the threshold. Recommended for sliding sashes that are used infrequently.

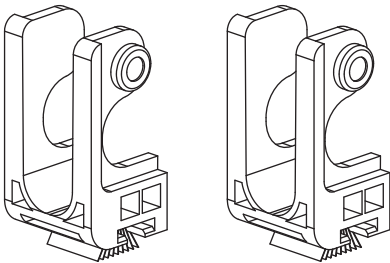
L&S bogie support GU-934 for roller track 'R 2.5'		
Designation	PU	Order no.
L&S bogie support GU-934	1	K-17455-03-0-0
Contains: 2 x bogie support R 2.5		



Adapter VT GU-934

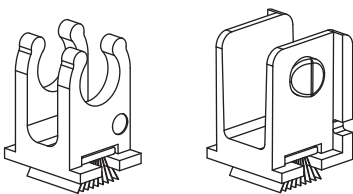
for L&S bogie GU-934 with deep rod

Designation	Finish	PU	Order no.
Adapter VT GU-934	ferGUard	1	K-19940-00-0-1
	faceGUard	1	K-19940-00-0-18
Contains: 2 x adapter VT, accessory			



HS CleanUnit GU-934

Designation	PU	Order no.
HS CleanUnit GU-934	1	K-19567-00-0-1
Contains: 2 x cleaning brush		

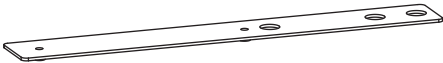


HS CleanUnit GU-937

Designation	PU	Order no.
HS CleanUnit GU-937	1	K-19566-00-0-1
Contains: 2 x cleaning brush		

Horizontal packers

for L&S bogie GU-934 / GU-937



Packer for GU-934 L&S bogie, front

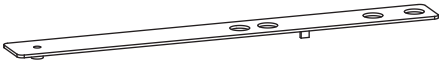


Packer for GU-934 L&S bogie, rear

Horizontal packers

for L&S bogie GU-934

Versions/order numbers				
Designation	Thickness [mm]	PU	Order no.	
			L&S bogie, front	L&S bogie, rear
Horizontal packers for L&S bogie GU-934	1.0	1	9-41680-01-0-1	9-41681-01-0-1
	1.5	1	9-41680-17-0-1	9-41681-17-0-1
	2.0	1	9-41680-02-0-1	9-41681-02-0-1
	3.0	1	9-41680-20-0-1	9-41681-20-0-1
	4.0	1	9-41680-14-0-1	9-41681-14-0-1
	5.0	1	9-41680-05-0-1	9-41681-05-0-1
	6.0	1	9-41680-16-0-1	9-41681-06-0-1



Packer for GU-937 L&S bogie, front

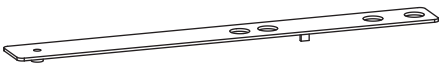


Packer for GU-937 L&S bogie, rear

Horizontal packers

for L&S bogie GU-937

Versions/order numbers				
Designation	Thickness [mm]	PU	Order no.	
			L&S bogie, front	L&S bogie, rear
Horizontal packers for L&S bogie GU-937	1.0	1	9-41680-11-0-1	9-41681-11-0-1
	1.5	1	9-41680-17-0-1	9-41681-17-0-1
	4.0	1	9-41680-14-0-1	9-41681-14-0-1
	6.0	1	9-41680-16-0-1	9-41681-06-0-1
	8.6	1	9-41680-18-0-1	9-41681-18-0-1



Adapters for horizontal packer L&S bogie, front



Adapters for horizontal packer L&S bogie, rear

Adapters for horizontal packers

for exchanging GU-937 with GU-934 L&S bogies

Versions/order numbers				
Designation	Thickness [mm]	PU	Order no.	
			L&S bogie, front	L&S bogie, rear
Adapters for horizontal packers	6.0	1	9-41680-16-0-1	9-41681-06-0-1



Vertical packers
for GU-934 / GU-937 L&S bogie, front



Versions/order numbers			
Designation	Height [mm]	PU	Order no.
			L&S bogie, front
Vertical packers for L&S bogies GU-934 / GU-937	8.5	1	9-43818-02-0-1
	11.0	1	9-43818-04-0-1
	12.0	1	9-47295-23-0-1
	13.0	1	9-47295-01-0-1
	14.0	1	9-47295-02-0-1
	16.0	1	9-47295-04-0-1
	18.5	1	9-47295-06-0-1
	19.0	1	9-47295-07-0-1
	20.0	1	9-47295-08-0-1
	21.0	1	9-47295-09-0-1
	22.0	1	9-47295-10-0-1
	23.0	1	9-43818-06-0-1
	23.0	1	9-47295-11-0-1
	24.5	1	9-47295-12-0-1
	27.0	1	9-47295-13-0-1
	30.0	1	9-47295-16-0-1
	31.0	1	9-47295-17-0-1
	32.0	1	9-47295-18-0-1
	35.0	1	9-47295-20-0-1

Lift&Slide gears

for use with profile cylinders and round cylinders



Lift&Slide gears

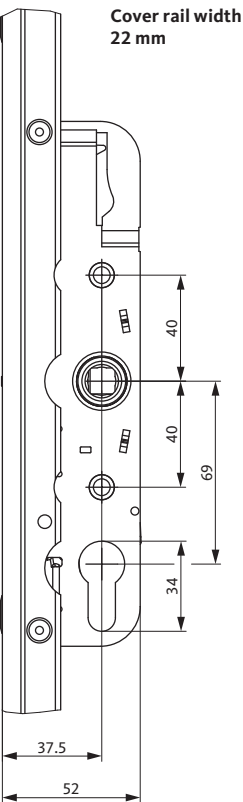
The specifications for the sash height and the handle height are general and may deviate depending on the used roller track and profile system.

The system-related dimensions can be found in the profile system drawings.

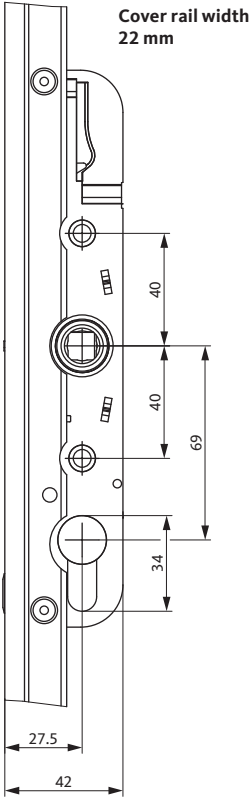
Special size in the case of a non-standard handle height and gear length:

The gear size -98- specified in the following tables is a special size that is fabricated with the handle height at the customer's request. The application range depends on the basic size of the drive-gear that is used for the fabrication (sizes 19 to 44). Please request prices and delivery times in the individual case.

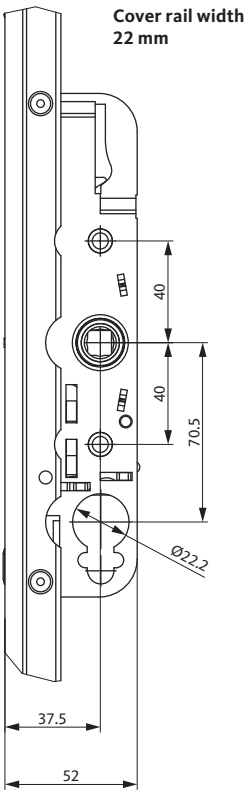
Installation drawing 0-44186



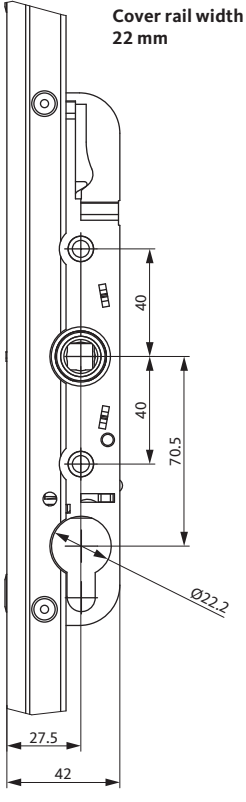
Gear case, 37.5 mm backset
lockable, with profile cylinder



Gear case, 27.5 mm backset
lockable, with profile cylinder



Gear case, 37.5 mm backset
lockable, with round cylinder



Gear case, 27.5 mm backset
lockable, with round cylinder



Lift&Slide gear – 37.5 mm backset – lockable, with profile cylinder

Designation	SH [1] [mm]	Handle height [1] [mm]	Quantity of locks	Cover rail finish		Lock case finish		PU	Order no.
				EV 1 anodised	UC 5 anodised	ferGUard	faceGUard		
Lift&Slide gear 37.5 mm backset lockable with profile cylinder (PC)	840 – 1260	400	1 + 1 optional	■		■		1	6-30021-11-0-1
					■	■		1	6-30021-11-0-5
	1260 – 1840	400	2	■		■		1	6-30021-19-0-1
					■	■		1	6-30021-19-0-5
	1620 – 2340	1000	2 + 1 optional	■		■		1	6-30021-44-0-1
					■	■		1	6-30021-44-0-5
				■			■	1	6-30021-44-0-18
	1840 – 2340	850	2	■		■		1	6-30021-20-0-1
					■	■		1	6-30021-20-0-5
	1840 – 2340	1000	2 + 1 optional	■		■		1	6-30021-24-0-1
					■	■		1	6-30021-24-0-5
				■			■	1	6-30021-24-0-18
	2340 – 2740	1000	2 + 1 optional	■		■		1	6-30021-28-0-1
					■	■		1	6-30021-28-0-5
				■			■	1	6-30021-28-0-18
	– 2740	min. 400	2 + 1 optional	■		■		1	6-30021-98-0-1

[1] Dimension specifications for use of the 5 mm roller track. When using the 10 and/or 15 mm roller tracks, the dimension specifications increase by 5 or 10 mm respectively.

Lift&Slide gears

for use with profile cylinders – 27.5 mm backset



Lift&Slide gear – 27.5 mm backset – lockable, with profile cylinder

Designation	SH [1] [mm]	Handle height [1] [mm]	Quantity of locks	Cover rail finish		Lock case finish		PU	Order no.
				EV 1 anodised	UC 5 anodised	ferGUard	faceGUard		
Lift&Slide gear 27.5 mm backset lockable with profile cylinder (PC)	840 – 1260	400	1 + 1 optional	■		■		1	6-30019-11-0-1
					■	■		1	6-30019-11-0-5
	1260 – 1840	400	2	■		■		1	6-30019-19-0-1
					■	■		1	6-30019-19-0-5
				■			■	1	6-30019-19-0-18
	1620 – 2340	1000	2 + 1 optional	■		■		1	6-30019-44-0-1
					■	■		1	6-30019-44-0-5
	1840 – 2120	700	2 + 1 optional	■		■		1	6-30019-40-0-1
	1840 – 2340	850	2	■		■		1	6-30019-20-0-1
	1840 – 2340	1000	2 + 1 optional	■		■		1	6-30019-24-0-1
					■	■		1	6-30019-24-0-5
				■			■	1	6-30019-24-0-18
	2340 – 2740	1000	2 + 1 optional	■		■		1	6-30019-28-0-1
					■	■		1	6-30019-28-0-5
				■			■	1	6-30019-28-0-18
	– 2740	min. 400	2 + 1 optional	■		■		1	6-30019-98-0-1

[1] Dimension specifications for use of the 5 mm roller track. When using the 10 and/or 15 mm roller tracks, the dimension specifications increase by 5 or 10 mm respectively.



Lift&Slide gear – 37.5 mm backset – lockable, with round cylinder

Designation	SH [1] [mm]	Handle height [1] [mm]	Quantity of locks	Cover rail finish		Lock case finish	PU	Order no.
				EV 1 anodised	UC 5 anodised	ferGUard		
Lift&Slide gear 37.5 mm backset lockable with round cylinder (Swiss RC)	840 – 1260	400	1 + 1 optional	■		■	1	6-31020-11-0-1
	1260 – 1840	400	2	■		■	1	6-31020-19-0-1
	1620 – 2340	1000	2 + 1 optional	■		■	1	6-31020-44-0-1
	1840 – 2340	1000	2 + 1 optional	■		■	1	6-31020-24-0-1
	2340 – 2740	1000	2 + 1 optional	■	■	■	1	6-31020-24-0-5
						■	1	6-31020-28-0-1

[1] Dimension specifications for use of the 5 mm roller track. When using the 10 and/or 15 mm roller tracks, the dimension specifications increase by 5 or 10 mm respectively.

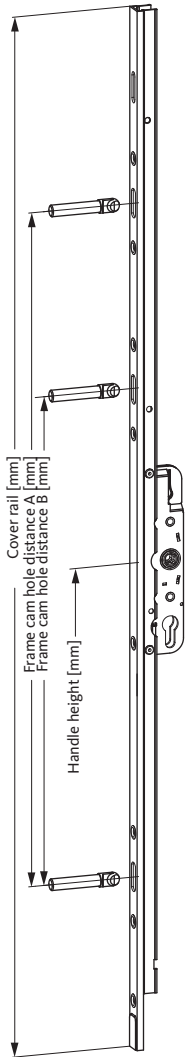
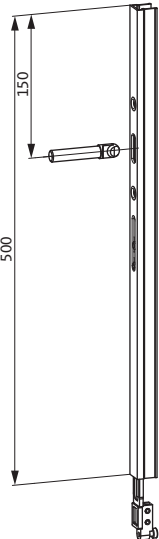
Lift&Slide gear – 27.5 mm backset – lockable, with round cylinder

Designation	SH [1] [mm]	Handle height [1] [mm]	Quantity of locks	Cover rail finish		Lock case finish	PU	Order no.
				EV 1 anodised	UC 5 anodised	ferGUard		
Lift&Slide gear 27.5 mm backset lockable with round cylinder (Swiss RC)	840 – 1260	400	1 + 1 optional	■		■	1	6-31021-11-0-1
	1260 – 1840	400	2	■		■	1	6-31021-19-0-1
	1840 – 2340	1000	2 + 1 optional	■		■	1	6-31021-24-0-1
	2340 – 2740	1000	2 + 1 optional	■		■	1	6-31021-28-0-1

[1] Dimension specifications for use of the 5 mm roller track. When using the 10 and/or 15 mm roller tracks, the dimension specifications increase by 5 or 10 mm respectively.

Gear extensions and cover-rail extensions

for Lift&Slide gears



Depiction: Gear and cover-rail extension set

Gear extensions and cover-rail extensions

The gear and cover-rail extensions have a length of 500 mm and can be attached to any Lift&Slide gear. The extension is cropped to the necessary sash dimension on the Lift&Slide gear.

The gear extension features an additional locking point.

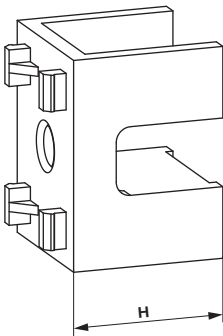
Position of the locking point: 150 mm below the top edge of the cover rail.
See illustration "Cover rail and gear extension"

If necessary, the gear extensions can be coupled. Sash heights greater than 3250 mm require a technical test and special approval from Gretsch-Unitas.

Versions/order numbers

Designation	Number of locks	Finish				PU	Order no.
		Cover rail		Connecting rod			
		EV 1	UC 5	ferGUard	faceGUard		
GU-934 / GU-937 gear extension	1	■	–	■	–	10	6-32030-00-0-1
		–	■	■	–	10	6-32030-00-0-5
		■	–	–	■	10	6-32030-00-0-18
GU-934 / GU-937 cover-rail extension	–	■	–	–	–	1	9-28483-05-0-1
		–	■	–	–	1	9-28483-05-0-5

The application range increases by 500 mm compared to the standard.

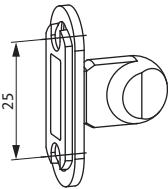


Dimension H = Height in mm

Spacer
for Lift&Slide gears, backset 37.5 and 27.5 mm

Versions/order numbers			
Designation	Height [mm]	PU	Order no.
Spacer for Lift&Slide gears, backset 37.5 and 27.5 mm	8.0	1	9-47296-02-0-1
	11.0	1	9-47296-24-0-1
	12.0	1	9-47296-25-0-1
	13.0	1	9-47296-04-0-1
	14.0	1	9-47296-05-0-1
	16.0	1	9-47296-06-0-1
	18.0	1	9-47296-07-0-1
	19.0	1	9-47296-08-0-1
	20.0	1	9-47296-09-0-1
	21.0	1	9-47296-10-0-1
	22.0	1	9-47296-11-0-1
	23.0	1	9-47296-12-0-1
	24.5	1	9-47296-13-0-1
	25.0	1	9-47296-14-0-1
	27.0	1	9-47296-16-0-1
	29.0	1	9-47296-17-0-1
	30.0	1	9-47296-18-0-1
	31.0	1	9-47296-19-0-1
	32.0	1	9-47296-20-0-1
	35.0	1	9-47296-22-0-1

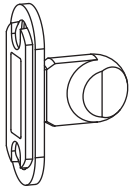
Frame cams



Frame cam 2/14

For locking the active sash to the passive sash, in patterns C, F, L

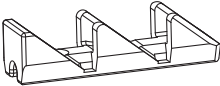
Versions/order numbers			
Designation	Finish	PU	Order no.
Frame cam 2/14 pattern C	stainless steel	1	9-30332-00-0-8



Overview of frame cams for PVC profiles

Profile system	Frame cam		Finish	PU	Order no.
	Pattern A	Pattern C			
Aluplast HST85	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Aluplast Ideal 4000	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Deceuninck	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Deceuninck Zendow	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Profine EuroFutur / PremiDoor	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Gealan S 8000	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Gealan S 9000	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Inoutic AD / Thyssen AD	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Profine PremiDoor 88	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Profine EuroFutur / PremiDoor	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Rehau Brillant Design S 785	Size 0	Size 0	stainless steel	1	6-23309-00-0-8
Rehau Geneo	Size 3	Size 3	stainless steel	1	6-22648-03-0-8
Salamander ID	Size 2	Size 2	stainless steel	1	6-22648-03-0-8
Salamander evolutionDrive	Size 4	Size 4	stainless steel	1	6-22648-04-0-8
Schüco Corona CT70	Size 1	Size 1	stainless steel	1	6-22648-03-0-8
Schüco ThermoSlide 82 SI	Size 1	Size 1	stainless steel	1	9-47498-01-0-8
Veka Slide	Size 5	Size 5	stainless steel	1	6-22648-05-0-8
Veka Slide 82	Size 5	Size 5	stainless steel	1	6-22648-05-0-8
Wymar, pattern A	Size 0	–	stainless steel	1	9-42100-00-0-8

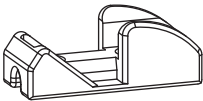
Bottom keepers



L&S bottom keeper

- With 2 bolt positions

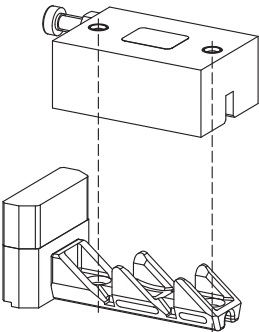
Versions/order numbers			
Designation	Finish	PU	Order no.
L&S bottom keeper	ferGUard	1	K-12057-00-0-1
Contains: 1 x L&S bottom keeper, fixing screws			



Bottom keeper

- Optionally for the locked position of the passive sash in Lift&Slide elements according to patterns C, F, L
- With 1 bolt position

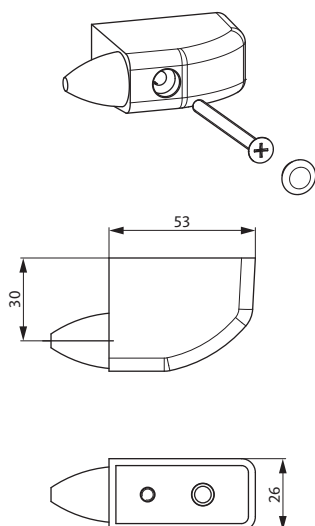
Versions/order numbers			
Designation	Material	PU	Order no.
Bottom keeper	stainless steel	1	9-47330-00-0-8



Drilling jig for installing the bottom keeper

Non-handed

Versions/order numbers			
Designation	Application range	PU	Order no.
Drilling jig for the installation of the bottom keepers	Hardware installation	1	6-34129-00-0-0



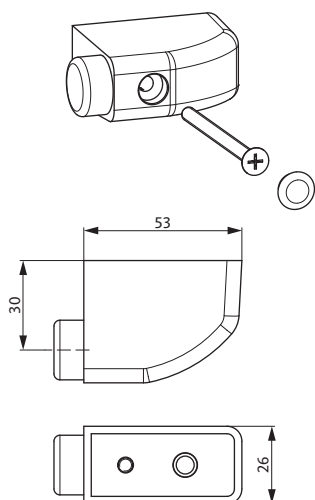
Buffer S

The buffer S is recommended for safe braking of the sliding sash in the opening direction and when using L&S turn handles on both sides. It is positioned so that the sliding sash with the exterior handle cannot collide with the fixed-glazed sash. This prevents damage to the handle and the element. The buffer S brakes the sash in a particularly gentle way.

Versions/order numbers

Designation	Finish	PU	Order no.
Buffer S	black	1	K-19035-00-0-6
	white	1	K-19035-00-0-7
	cream white	1	K-19035-00-0-7z

Contains: 1 x buffer, 1 x cover cap, fixing screw



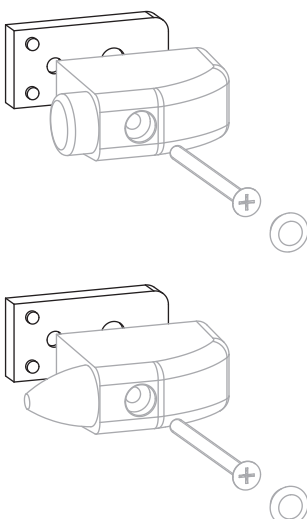
L&S buffer 90

The buffer 90 is recommended for safe braking of the sliding sash in the opening direction and when using L&S turn handles on both sides. It is positioned so that the sliding sash with the exterior handle cannot collide with the fixed-glazed sash. This prevents damage to the handle and the element.

Versions/order numbers

Designation	Finish	PU	Order no.
L&S buffer 90	black	1	K-12024-00-0-6
	white	1	K-12024-00-0-7
	cream white	1	K-12024-00-0-7z

Contains: 1 x buffer, 1 x cover cap, fixing screw



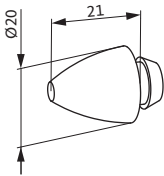
Packer

for L&S buffer 90 and buffer S

Versions/order numbers

Designation	Height [mm]	Finish	PU	Order no.
Packers for buffer S and for L&S buffer 90	8.0	black	1	9-30294-01-0-6
		white	1	9-30294-01-0-7
		cream white	1	9-30294-01-0-7z
	4.0	black	1	9-30294-02-0-6
		white	1	9-30294-02-0-7
		cream white	1	9-30294-02-0-7z

Rubber buffer, L&S lowering safeguard



Rubber buffer

for stopping the sash safely at the door frame, in order to prevent damage to the element and the frame

Versions/order numbers			
Designation	Finish	PU	Order no.
Rubber buffer	light grey	1	9-48849-00-0-1
	black	1	9-48849-00-0-6

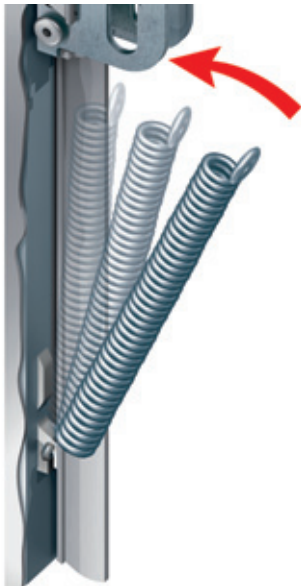


Installation drawing 0-44281

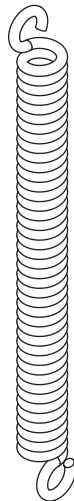
L&S lowering safeguard

The lowering safeguard is recommended when the sliding sash of the element is very light (under 80 kg) so its self-weight is not sufficient to lower it in such a way that it creates a 100 % lock and to ensure reliable contact pressure with the horizontal gaskets.

Versions/order numbers		
Designation	PU	Order no.
L&S lowering safeguard	1	K-16621-00-0-1
Contains: 1 x slider, 1 x latch lever, 1 x pressure part, 1 x rod, 1 x rivet bolt		



Installation drawing 0-46862



Tension spring for Lift&Slide gears

To reduce the operating force of sashes weighing over 200 kg.

Thanks to the use of tension springs in Lift&Slide gears, the operational force at the L&S turn handle is significantly reduced for the user, greatly increasing operating convenience. This makes the Lift&Slide door easy to operate, especially with high sash weights up to 400 kg.

The tension spring can be retrofitted quickly and easily in every standard Lift&Slide gear.

Versions/order numbers

Designation	SW [kg]	PU	Order no.
Tension spring	from 200	1	9-40235-05-0-0



Installation drawing 0-46862

L&S handle damper

For even safer operation of sashes weighing more than 100 kg.

The L&S handle damper in Lift&Slide gears ensures controlled lowering of the sliding sash and prevents the L&S turn handle from recoiling.

The L&S handle damper can also be retrofitted quickly and easily in every standard gear.

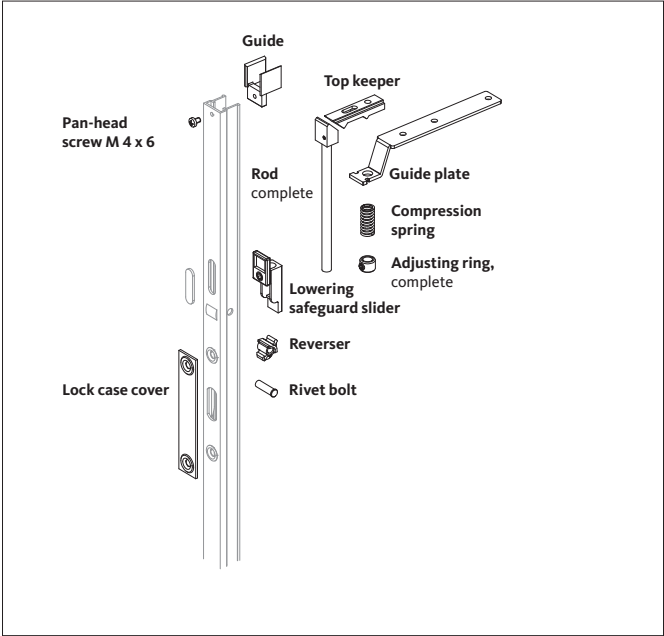
Versions/order numbers

Designation	SW [kg]	PU	Order no.
L&S handle damper	from 100	1	K-19053-00-0-6

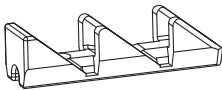
Contains: 1 x L&S handle damper, accessory

L&S locking set for pattern G1

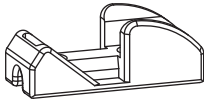
with neutral guide track



L&S locking set for pattern G1
when using the P 1786 top guide track



L&S bottom keeper K-12057-00-0-1



Bottom keeper 9-47330-00-0-8

L&S locking set for pattern G1

when used with neutral guide track

Versions/order numbers			
Designation	Finish	PU	Order no.
Locking set for pattern G1	EV 1 / light grey	1	K-17737-00-0-1
Contains: 1 x rod, 1 x top keeper, 1 x guide, 1 x guide plate, 1 x adjusting ring, 1 x compression spring, 1 x reverser, 1 x rivet bolt, 1 x lowering-safeguard slider, 2 x lock case cover, 1 x fixing screw			

Bottom keeper (option)

The combination with a bottom keeper on the roller track is possible as an option, in order to provide the sliding sash with additional locking point on the roller track.

Versions/order numbers			
Designation	Finish	PU	Order no.
L&S bottom keeper	ferGUard	1	K-12057-00-0-1
Contains: 1 x L&S bottom keeper, fixing screws			
Designation	Finish	PU	Order no.
Bottom keeper	stainless steel	1	9-47330-00-0-8

L&S locking set for pattern G1

Guide according to profile



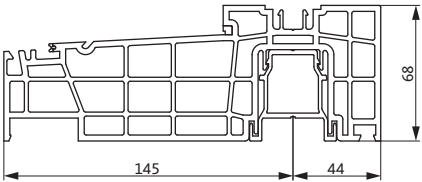
Locking set for pattern G

Profile system	PU	Order no.
Aluphacan Vision	1	K-17781-00-0-1
Aluplast Ideal 4000	1	K-17782-00-0-1
Deceuninck	1	K-17783-00-0-1
Profine PremiDoor	1	K-17775-00-0-1
Gealan S 8000	1	K-17784-00-0-1
Inoutic AD	1	K-17785-00-0-1
Ponzio-Gastadello	1	K-17783-00-0-1
Profine PremiDoor 88	1	K-17775-00-0-1
Rehau Geneo	1	K-18030-00-0-1
Salamander ID	1	K-17786-00-0-1
Schüco Corona CT70	1	K-17777-00-0-1
Veka Slide	1	K-17940-00-0-1
Veka Slide 82	1	K-17940-00-0-1

Contains: 1 x rod, 1 x adjusting ring, 1 x slider, 1 x latch lever, 1 x rivet bolt, 1 x compression spring, 1 x striker, 1 x guide plate, 1 x spacer

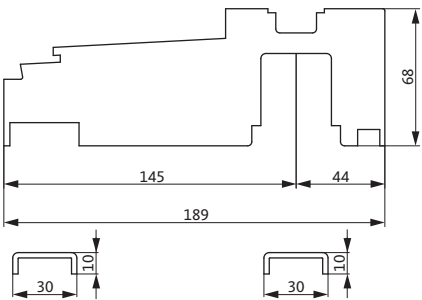
GU-thermostep 204 threshold

Base profile, L&S coupling part



GU-thermostep 204 base profile

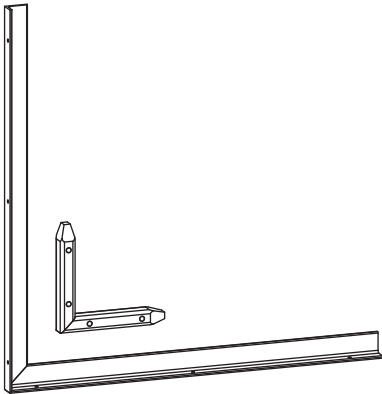
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
GU-thermostep 204 base profile	3000	EV 1 / light grey	1	6-36035-30-0-1
	3500	EV 1 / light grey	1	6-36035-35-0-1
	4000	EV 1 / light grey	1	6-36035-40-0-1
	4500	EV 1 / light grey	1	6-36035-45-0-1
	5000	EV 1 / light grey	1	6-36035-50-0-1
	6700	EV 1 / light grey	1	6-36035-67-0-1



L&S coupling part for GU-thermostep 204

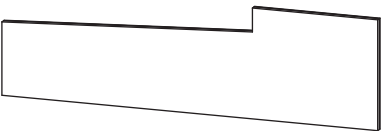
from total frame width 6701 mm

Versions/order numbers			
Designation	TFW [mm]	PU	Order no.
Coupling part set	from 6701	1	K-18751-00-0-1
Contains: 2 x coupling part, 1 x gasket plate, accessories			



L&S threshold connector 90°
for 90° corner connector of the threshold

Versions/order numbers			
Designation	Finish	PU	Order no.
L&S threshold connector 90°	faceGUard	1	K-19998-00-0-18
Contains: 2 x threshold connector, 1 x gasket plate, 40 x window drilling screw			



L&S end cover for GU-thermostep 204

Versions/order numbers		
Profile systems for GU-thermostep	PU	Order no.
Aluplast HST85	1	K-18901-40-0-1
Gealan S 9000	1	K-18901-48-0-1
Profine PremiDoor 88	1	K-18901-31-0-1
Rehau Geneo	1	K-18901-33-0-1
Schüco ThermoSlide SI82	1	K-18901-18-0-1
VekaSlide 82	1	K-18901-43-0-1

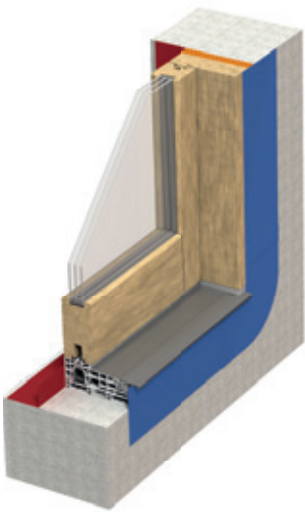
GU-thermostep 204 threshold

Wall anchor, structural sealing



Wall anchor

Versions/order numbers			
Designation	Length [mm]	PU	Order no.
Wall anchor [1]	260	1	9-48408-00-0-1
[1] Per m. of GU-thermostep 204 threshold, order 1 wall anchor.			

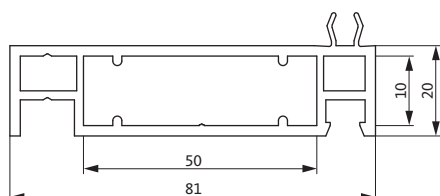


Structural sealing

Sealing of threshold at bottom horizontal

Versions/order numbers				
Designation		PU	Order no.	
GU installation set for L&S doors		1	H-01525-00-0-0	
Contents		PU		
GU assembly corners		1 pair		
GU butyl external tape		7.5 m		
Designation		PU	Order no.	
GU assembly corners		10 pairs	H-01526-00-0-0	
GU installation butyl external tape, 200 mm		30 m	H-01527-00-0-0	
GU installation butyl external tape, 300 mm		50 m	H-01527-30-0-0	
Designation	Length [m]	Colour	PU	Order no.
Anti-moisture foil	50	black	1	9-39737-25-0-6
Anti-moisture foil without illustration				

You can find more information about the subject of structural sealing from page 474 onwards.



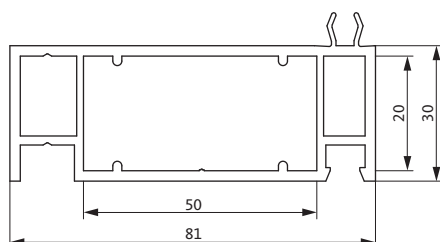
P 1955 extension profile
installation height = 20 mm

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1955 extension profile [1][2]	6700	EV 1 / light grey	1	P-01955-67-0-1

[1] Order 2 extension profiles per threshold base profile.

[2] Use commercially available steel reinforcement: 50 x 10 mm



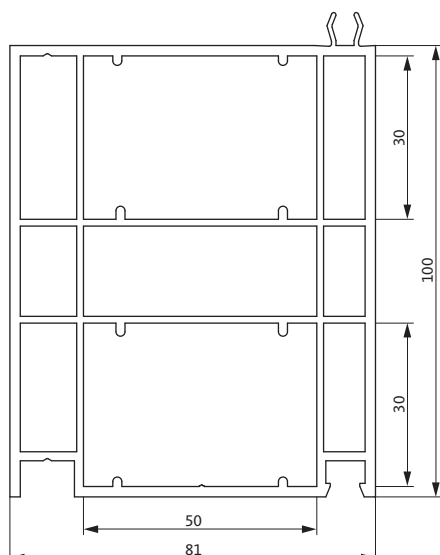
P 1956 extension profile
installation height = 30 mm

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1956 extension profile [1][2]	6700	EV 1 / light grey	1	P-01956-67-0-1

[1] Order 2 extension profiles per threshold base profile.

[2] Use commercially available steel reinforcement: 50 x 20 mm



P 1957 extension profile
installation height = 100 mm

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1957 extension profile [1][2]	6700	EV 1 / light grey	1	P-01957-67-0-1

[1] Order 2 extension profiles per threshold base profile.

[2] Use commercially available steel reinforcement: 2 pieces 50 x 30 mm

GU-thermostep 204 threshold

Profile extension



Notes: the profile extensions can be coupled endlessly.
Can be cropped to any required dimension.
The width can be cropped to adapt it to the width of the GU-thermostep.

Note on fastening:
The profile is fastened by glueing and/or screwing to the threshold (fastening points must be at least every 500 mm). The following products must be used for fastening:

Glue GU 1K installation adhesive
Screws EJOT coupling screws
 type VHT-R-4.8 x L or type TKR-4.8-L

Profile extension

Versions/order numbers					
Designation	Length [mm]	Width [mm]	Height [mm]	PU	Order no.
Profile extension	1760	230	30	1	9-50380-03-0-0
			80	1	9-50380-08-0-0

Technical data	
Material characteristics	
Compressive stress according to EN 826 with 10 % compression	806 kPa or 8.2 kg/cm²
Bending strength to EN 12089	0.53 N/mm²
Tensile strength to EN 1607	0.53 N/mm²
Thermal conductivity	0.035 W/K
Fire protection class	B1
Water absorption during sub-water storage according to DIN 53434	0.25 %



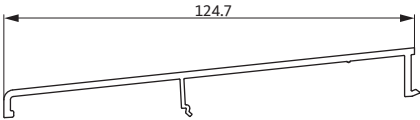
GU 1K installation adhesive

Versions/order numbers					
Designation	Packaging	Contents	Colour	PU/ Box	Order no.
GU 1K installation adhesive	PE euro cartridge	290 ml	grey	12	H-01175-00-0-0
Designation	Packaging	Contents	Colour	PU	Order no.
GU 1K installation adhesive	Soft-pack	600 ml	grey	20	H-01175-60-0-0

Note: for more product information please refer to our order catalogue "Installation material".

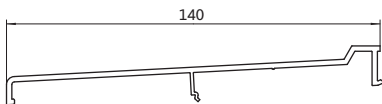
GU-thermostep 204 threshold

Comfort profile versions for barrier-free construction



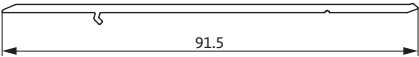
P 1951 Comfort profile

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1951 Comfort profile	3300	EV 1 / light grey	1	P-01951-33-0-1



P 1999 Comfort profile for Schüco ThermoSlide S182

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1999 Comfort profile	2000	EV 1 / light grey	1	P-01999-20-0-1
	3300	EV 1 / light grey	1	P-01999-33-0-1



P 1950 tread threshold

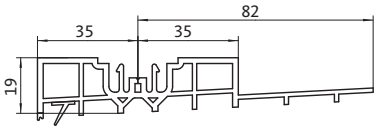
Versions/order numbers

Designation	ST [mm]	Length [mm]	Finish	PU	Order no.
P 1950 tread threshold	78 to 110	15 [1]	EV 1 / light grey	1	P-01950-01-0-1
		1500	EV 1 / light grey	1	P-01950-15-0-1
		2000	EV 1 / light grey	1	P-01950-20-0-1
		2500	EV 1 / light grey	1	P-01950-25-0-1
		3300	EV 1 / light grey	1	P-01950-33-0-1

[1] With pattern D

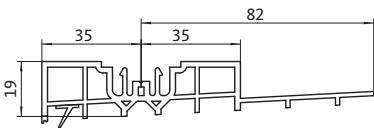
GU-thermostep 204 threshold

Attachment tracks



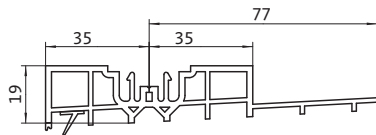
P 1984 attachment track-1 19/82

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1984 attachment track-1 19/82	1500	EV 1 / light grey	1	P-01984-15-0-1
	2000	EV 1 / light grey	1	P-01984-20-0-1
	2500	EV 1 / light grey	1	P-01984-25-0-1
	3300	EV 1 / light grey	1	P-01984-33-0-1
Attachment track-1 19/82 P 1984 for GU-thermostep 204 system Rehau Geneo 86 mm, pattern A and D, fixed-glazed sash				



P 1984 attachment track-2 19/82

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1994 attachment track-2 19/81	3300	EV 1 / light grey	1	9-48289-33-0-1
Attachment track-2 19/81 P 1994 for GU-thermostep 204 system Rehau Geneo 86 mm, pattern D, passage area				

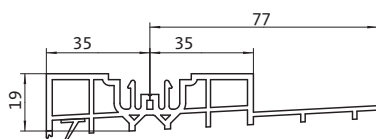


P 2002 attachment track-1 19/77

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2002 attachment track-1 19/77	1500	EV 1 / light grey	1	P-02002-15-0-1
	2500	EV 1 / light grey	1	P-02002-25-0-1
	3300	EV 1 / light grey	1	P-02002-33-0-1

Attachment track-1 19/77 P 2002 for GU-thermostep 204 system Aluplast HST 85 mm pattern A and D, fixed-glazed sash



P 2002 attachment track-2 19/77

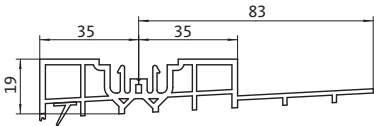
Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2002 attachment track-2 19/77	1500	EV 1 / light grey	1	9-48388-15-0-1
	2500	EV 1 / light grey	1	9-48388-25-0-1
	3300	EV 1 / light grey	1	9-48388-33-0-1

Attachment track-2 19/77 P 2002 for GU-thermostep 204 system Aluplast HST 85 mm, pattern D, passage area

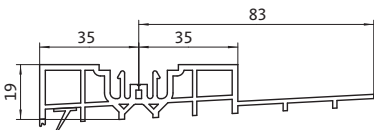
GU-thermostep 204 threshold

Attachment tracks



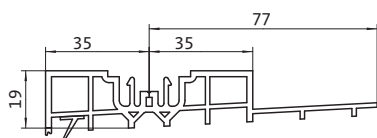
P 2004 attachment track-1 19/83

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2004 attachment track-1 19/83	3300	EV 1 / light grey	1	P-02004-33-0-1
Attachment track-1 19/83 P 2004 for GU-thermostep 204 system Profine PremiDoor 88 mm, pattern A and D, fixed-glazed sash				



P 2004 attachment track-2 19/83

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2004 attachment track-2 19/83	3300	EV 1 / light grey	1	9-48390-33-0-1
Attachment track-2 19/83 P 2004 for GU-thermostep 204 system Profine PremiDoor 88 mm, pattern D, passage area				

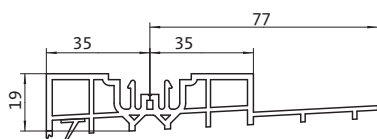


P 2002 attachment track-1 19/77

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2002 attachment track-1 19/77	1500	EV 1 / light grey	1	P-02002-15-0-1
	2500	EV 1 / light grey	1	P-02002-25-0-1
	3300	EV 1 / light grey	1	P-02002-33-0-1

Attachment track-1 19/77 P 2002 for GU-thermostep 204 system VekaSlide 82 mm, pattern A and D, fixed-glazed sash



P 2002 attachment track-2 19/77

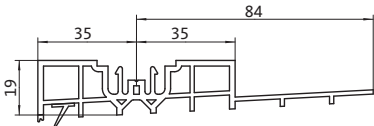
Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2002 attachment track-2 19/77	1500	EV 1 / light grey	1	9-48388-15-0-1
	2500	EV 1 / light grey	1	9-48388-25-0-1
	3300	EV 1 / light grey	1	9-48388-33-0-1

Attachment track-2 19/77 P 2002 for GU-thermostep 204 system VekaSlide 82 mm, pattern D, passage area

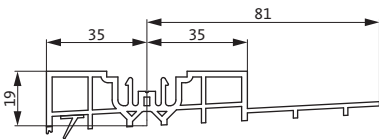
GU-thermostep 204 threshold

Attachment tracks



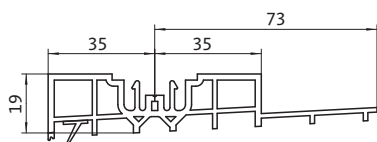
P 2003 attachment track-1 19/84

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2003 attachment track-1 19/84	3300	EV 1 / light grey	1	P-02003-33-0-1
Attachment track-1 19/84 P 2003 for GU-thermostep 204 system Schüco ThermoSlide SI 82 mm, pattern A and D, fixed-glazed sash				



P 1994 attachment track-2 19/81

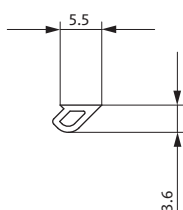
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1994 attachment track-2 19/81	3350	EV 1 / light grey	1	9-48288-33-0-1
Attachment track-2 19/81 P 1994 for GU-thermostep 204 system Schüco ThermoSlide SI 82 mm, pattern D, passage area				



P 2003 attachment track-1 19/73

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2003 attachment track-1 19/73	3300	EV 1 / light grey	1	P-02044-33-0-1
Attachment track-1 19/77 P 2002 for GU-thermostep 204 system Gealan S 9000 85 mm, pattern A and D, fixed-glazed sash				



P 1645 gasket profile

for sealing the groove between the GU-thermostep threshold and the attachment track in the passage area.

Required: 1 pc; length = ½ total frame width

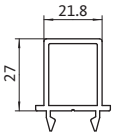
Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1645 gasket profile	3350	black	1	9-39736-33-0-6

Application: if a drip rail is not used in the passage area with pattern D, F, the gasket profile P 1645 is used for sealing the clip groove in the drip rail of the GU-thermostep threshold in the area of the outer sash.

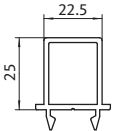
GU-thermostep 204 threshold

Spacer profiles for fixed-glazed sashes



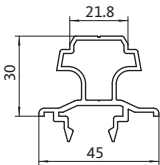
P 1982 spacer profile Rehau Geneo

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1982 spacer profile	100	EV 1 / light grey	1	P-01982-01-0-1
Spacer profile P 1982 for GU-thermostep 204 system Rehau Geneo, pattern A, fixed-glazed sash				



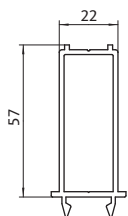
P 2036 spacer profile Aluplast HST85

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2036 spacer profile	3300	EV 1 / light grey	1	P-02036-33-0-1
Spacer profile P 2036 for GU-thermostep 204 system Aluplast HST85, pattern A, fixed-glazed sash				



P 1983 spacer profile VekaSlide 82

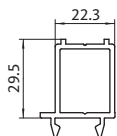
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1983 spacer profile	3300	–	1	P-01983-33-0-0
Spacer profile P 1983 VekaSlide 82 for GU-thermostep 204 System VekaSlide 82, pattern A, fixed-glazed sash				



P 1997 spacer profile Schüco ThermoSlide SI82

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1997 spacer profile	3300	EV 1 / light grey	1	P-01997-33-0-1
Spacer profile P 1997 for GU-thermostep 204 system Schüco ThermoSlide SI82, pattern A, fixed-glazed sash				



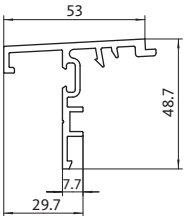
P 2048 spacer profile Gealan S 9000

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2048 spacer profile	3300	EV 1 / light grey	1	P-02048-33-0-1
Spacer profile P 2048 for GU-thermostep 204 system Gealan S 9000, pattern A, fixed-glazed sash				

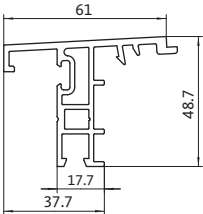
GU-thermostep 204 threshold

Drip rails



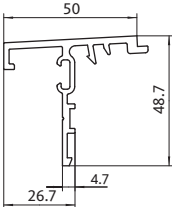
P 2034 drip rail Aluplast HST85

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2034 drip rail	3000	EV 1 / light grey	1	9-48487-30-0-1
	6700	EV 1 / light grey	1	9-48487-67-0-1
Spacer profile P 2034 for GU-thermostep 204 system Aluplast HST85, 85 mm				



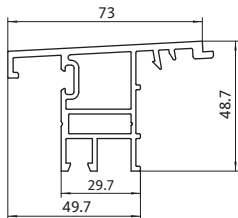
P 2006 drip rail Profine PremiDoor 88

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2006 drip rail	3000	EV 1 / light grey	1	9-48423-30-0-1
	4000	EV 1 / light grey	1	9-48423-40-0-1
	5000	EV 1 / light grey	1	9-48423-50-0-1
	6700	EV 1 / light grey	1	9-48423-67-0-1
Drip rail P 2006 for GU-thermostep 204 system Profine PremiDoor 88, 88 mm				



P 1985 drip rail VekaSlide 82

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1985 drip rail	3000	EV 1 / light grey	1	9-47957-30-0-1
	4000	EV 1 / light grey	1	9-47957-40-0-1
	5000	EV 1 / light grey	1	9-47957-50-0-1
	6700	EV 1 / light grey	1	9-47957-67-0-1
Drip rail P 1985 for GU-thermostep 204 system VekaSlide 82, 82 mm				

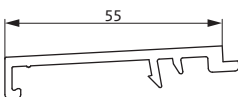


P 1986 drip rail Schüco ThermoSlide SI82

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1986 drip rail	4000	EV 1 / light grey	1	9-48385-40-0-1
	5000	EV 1 / light grey	1	9-48385-50-0-1
	6700	EV 1 / light grey	1	9-48385-67-0-1

Drip rail P 1986 for GU-thermostep 204 system Schüco ThermoSlide SI82, 82 mm



P 2151 drip rail – sash distance 28 mm

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 2151 drip rail	3000	EV 1 / light grey	1	P-02151-30-0-1
	4000	EV 1 / light grey	1	P-02151-40-0-1
	5000	EV 1 / light grey	1	P-02151-50-0-1
	6700	EV 1 / light grey	1	P-02151-67-0-1

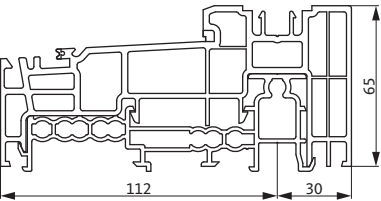
Anti-moisture foil

Versions/order numbers

Designation	Length [m]	Colour	PU	Order no.
Anti-moisture foil	50	black	1	9-39737-25-0-6

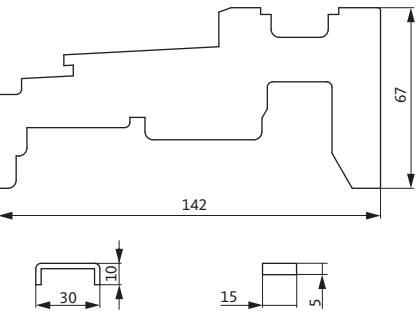
GU-thermostep 164 threshold

Base profile, L&S coupling part, L&S threshold connector



GU-thermostep 164 base profile

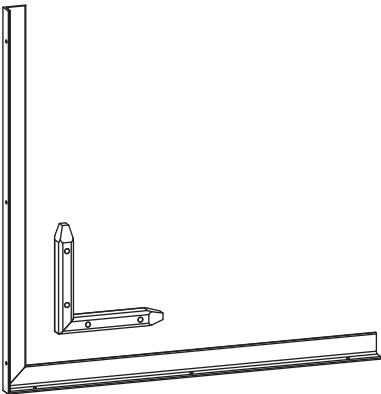
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
GU-thermostep 164 base profile	3000	EV 1 / light grey	1	6-29938-30-0-1
	3500	EV 1 / light grey	1	6-29938-35-0-1
	4000	EV 1 / light grey	1	6-29938-40-0-1
	4500	EV 1 / light grey	1	6-29938-45-0-1
	5000	EV 1 / light grey	1	6-29938-50-0-1
	6700	EV 1 / light grey	1	6-29938-67-0-1
		UC 5 / dark bronze	1	6-29938-67-0-5



L&S coupling part for GU-thermostep 164

from total frame width 6701 mm

Versions/order numbers			
Designation	TFW [mm]	PU	Order no.
L&S coupling part	from 6701	1	K-15432-00-0-1
Contains: 2 x coupling part, 1 x gasket plate, accessories			



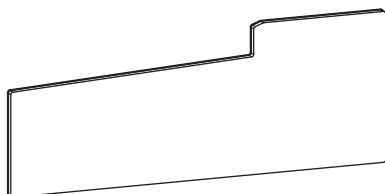
L&S threshold connector 90°

for 90° corner connector of the threshold

Versions/order numbers			
Designation	Finish	PU	Order no.
L&S threshold connector 90°	faceGUard	1	K-18075-00-0-18
Contains: 2 x threshold connector, fixing screws			

GU-thermostep 164 threshold

L&S end cover, wall anchor, structural sealing



L&S end cover for GU-thermostep 164

Versions/order numbers

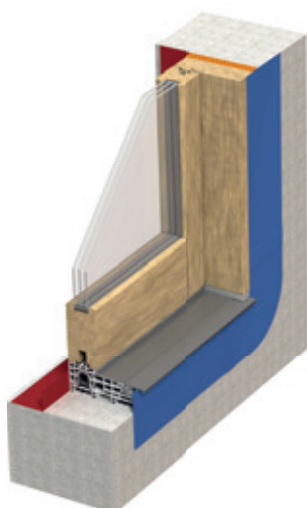
Designation	Finish	PU	Order no.
End cover for GU-thermostep with P 1842 drip rail 160	EV 1 / light grey	1	K-19145-01-0-1
End cover for GU-thermostep with P 1837 drip rail 179	EV 1 / light grey	1	K-19145-02-0-1
End cover for GU-thermostep 164 Base profile	EV 1 / light grey	1	K-19145-03-0-1
Contains: 1 x end cover left (incl. gasket plate), 1 x end cover right (incl. gasket plate)			



Wall anchor

Versions/order numbers

Designation	PU	Order no.
Wall anchor [1]	1	9-40086-00-0-1
[1] Per m. of GU-thermostep 164 threshold, order 1 wall anchor.		



Structural sealing

Sealing of threshold at bottom, horizontal

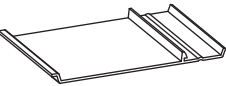
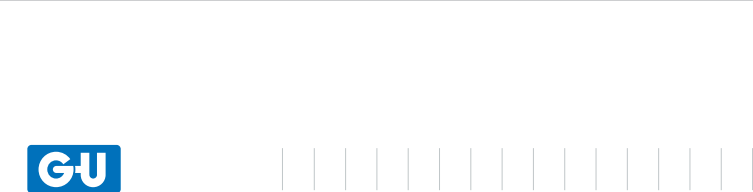
Versions/order numbers

Designation			PU	Order no.
GU installation set for L&S doors			1	H-01525-00-0-0
Contents			PU	
GU assembly corners			1 pair	
GU butyl external tape			7.5 m	
Designation			PU	Order no.
GU assembly corners			10 pairs	H-01526-00-0-0
GU installation butyl external tape, 200 mm			30 m	H-01527-00-0-0
GU installation butyl external tape, 300 mm			50 m	H-01527-30-0-0
Designation	Length [m]	Colour	PU	Order no.
Anti-moisture foil	50	black	1	9-39737-25-0-6
Anti-moisture foil without illustration				

You can find more information about the subject of structural sealing from page 474 onwards.

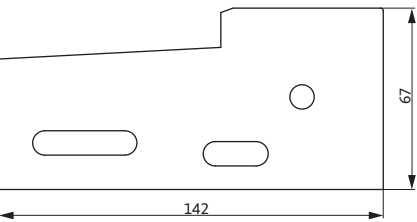
GU-thermostep 164 threshold

Packer, gasket plate



Packer

Versions/order numbers		
Designation	PU	Order no.
Packer [1]	1	9-43065-00-0-0
[1] Per m. of GU-thermostep threshold, order 2 packers.		

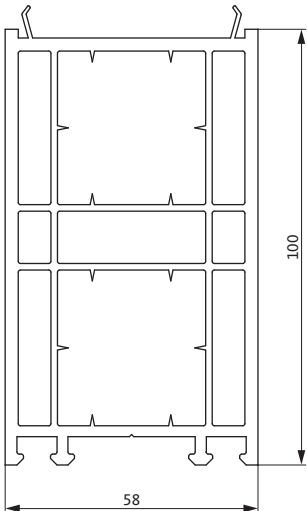
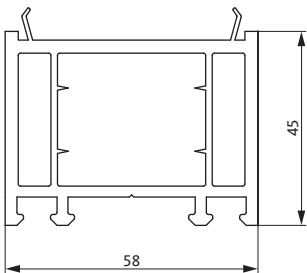
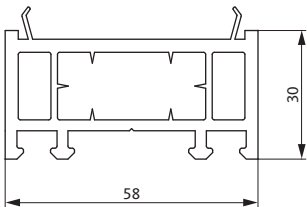


Installation drawing 0-44204

Gasket plate

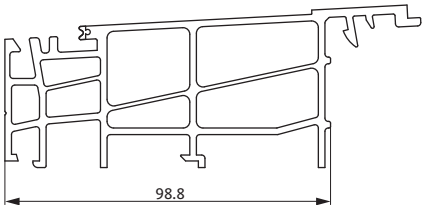
for sealing the butt joint
in connection with set of coupling parts K-15432-00-0-1

Versions/order numbers			
Designation	Finish	PU	Order no.
Gasket plate	black	1	9-40034-00-0-6



HVA extension profile

Versions/order numbers				
Designation	Width [mm]	Finish	PU [m]	Order no.
HVA extension profile	30	white	26	H-00474-00-0-7
	45	white	26	H-00474-01-0-7
	100	white	13	H-00474-02-0-7

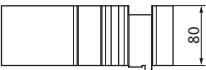


P 1719 extension profile

Versions/order numbers				
Designation	For pattern	Length [mm]	PU	Order no.
P 1719 extension profile	E, L	6700	1	P-01719-67-0-1

GU-thermostep 164 threshold

Profile extension, installation adhesive



Notes: the profile extensions can be coupled endlessly.
Can be cropped to any required dimension.
The width can be cropped to adapt it to the width of the GU-thermostep.

Note on fastening:
The profile is fastened by glueing and/or screwing to the threshold (fastening points must be at least every 500 mm). The following products must be used for fastening:
Glue GU 1K installation adhesive
Screws EJOT coupling screws
 type VHT-R-4.8 x L or type TKR-4.8-L

Profile extension

Versions/order numbers					
Designation	Length [mm]	Width [mm]	Height [mm]	PU	Order no.
Profile extension	1760	230	30	1	9-50380-03-0-0
			80	1	9-50380-08-0-0

Technical data	
Material characteristics	
Compressive stress according to EN 826 with 10 % compression	806 kPa or 8.2 kg/cm²
Bending strength to EN 12089	0.53 N/mm²
Tensile strength to EN 1607	0.53 N/mm²
Thermal conductivity	0.035 W/K
Fire protection class	B1
Water absorption during sub-water storage according to DIN 53434	0.25 %



GU 1K installation adhesive

Versions/order numbers					
Designation	Packaging	Contents	Colour	PU/Box	Order no.
GU 1K installation adhesive	PE euro cartridge	290 ml	grey	12	H-01175-00-0-0
Designation	Packaging	Contents	Colour	PU	Order no.
GU 1K installation adhesive	Soft-pack	600 ml	grey	20	H-01175-60-0-0

Note: for more product information please refer to our order catalogue "Installation material".

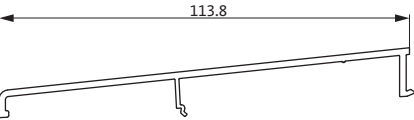


Décor foil

Versions/order numbers					
Designation	Pattern	Length [m.]	Colour	PU	Order no.
Décor foil	D, F	10	brown	1	9-40858-00-0-5

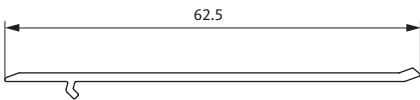
GU-thermostep 164 threshold

Comfort profile versions for barrier-free construction



P 1767 Comfort profile

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1767 Comfort profile	3300	EV 1 / light grey	1	P-01767-33-0-1

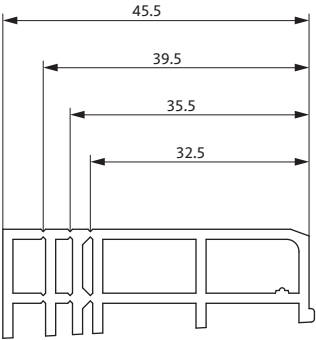


P 1642 tread threshold

Versions/order numbers					
Designation	Pattern	Length [mm]	Finish	PU	Order no.
P 1642 tread threshold	A, C, G1, K, G3	2000	EV 1 / light grey	1	9-39318-20-0-1
		2500	EV 1 / light grey	1	9-39318-25-0-1
		3350	EV 1 / light grey	1	9-39318-33-0-1
			UC 5 / dark bronze	1	9-39318-33-0-5

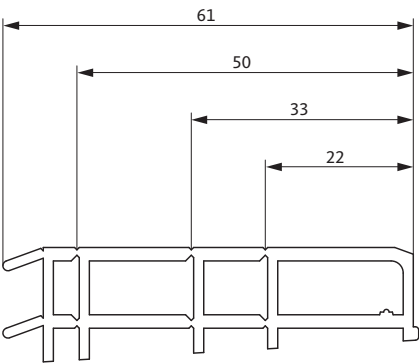
GU-thermostep 164 threshold

Intermediate profiles



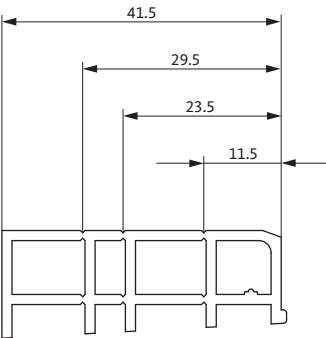
P 1682 intermediate profile 45

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1682 intermediate profile 45	1450	EV 1 / light grey	1	9-40413-15-0-1
	1950	EV 1 / light grey	1	9-40413-20-0-1
	2450	EV 1 / light grey	1	9-40413-25-0-1
	3300	EV 1 / light grey	1	9-40413-33-0-1
		black	1	9-40413-33-0-6



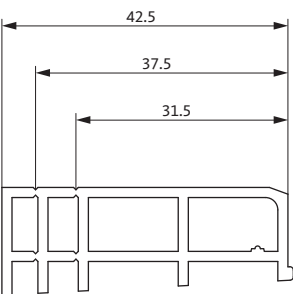
P 1846 intermediate profile 61

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1846 intermediate profile 61	1450	EV 1 / light grey	1	P-01846-15-0-1
	1950	EV 1 / light grey	1	P-01846-20-0-1
	2450	EV 1 / light grey	1	P-01846-25-0-1
		black	1	P-01846-25-0-6
	3300	EV 1 / light grey	1	P-01846-33-0-1
		black	1	P-01846-33-0-6



P 1641 intermediate profile 41

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1641 intermediate profile 41	1450	EV 1 / light grey	1	9-39317-15-0-1
	1950	EV 1 / light grey	1	9-39317-20-0-1
	2450	EV 1 / light grey	1	9-39317-25-0-1
	3300	EV 1 / light grey	1	9-39317-33-0-1
		black	1	9-39317-33-0-6

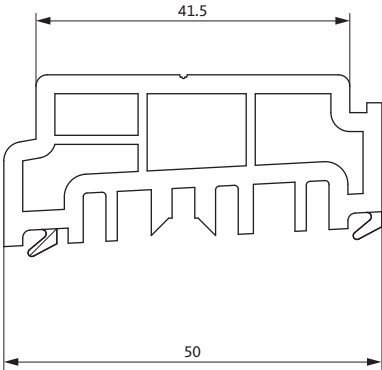


P 1677 intermediate profile 42

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1677 intermediate profile 42	1450	EV 1 / light grey	1	9-40382-15-0-1
	2450	EV 1 / light grey	1	9-40382-25-0-1
	3300	EV 1 / light grey	1	9-40382-33-0-1
		black	1	9-40382-33-0-6

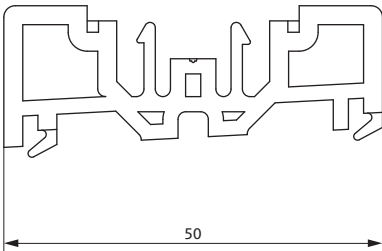
GU-thermostep 164 threshold

Attachment tracks



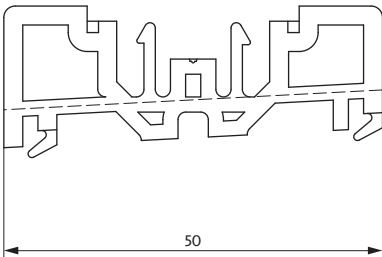
P 1634 attachment track

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1634 attachment track	1500	EV 1 / light grey	1	9-39309-15-0-1
	2000	EV 1 / light grey	1	9-39309-20-0-1
	2500	EV 1 / light grey	1	9-39309-25-0-1
		UC 5 / dark bronze	1	9-39309-25-0-5
	3350	EV 1 / light grey	1	9-39309-33-0-1
		UC 5 / dark bronze	1	9-39309-33-0-5



P 1633 attachment track-1

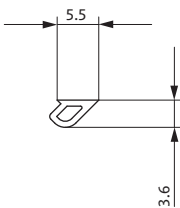
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1633 attachment track-1	3350	EV 1 / light grey	1	9-40300-33-0-1
		UC 5 / dark bronze	1	9-40300-33-0-5



P 1633 attachment track-2

with water deflector

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1633 attachment track-2	1500	EV 1 / light grey	1	9-39310-15-0-1
		UC 5 / dark bronze	1	9-39310-15-0-5
	2500	EV 1 / light grey	1	9-39310-25-0-1
		UC 5 / dark bronze	1	9-39310-25-0-5
	3350	EV 1 / light grey	1	9-39310-33-0-1
		UC 5 / dark bronze	1	9-39310-33-0-5



P 1645 gasket profile

for sealing the groove between the GU-thermostep threshold and the attachment track in the passage area.

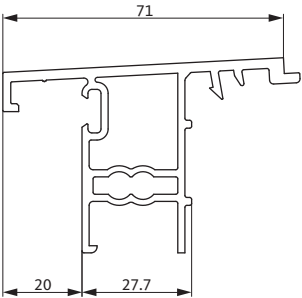
Required: 1 pc; length = ½ total frame width

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1645 gasket profile	3350	black	1	9-39736-33-0-6

Application: if a drip rail is not used in the passage area with pattern D, E, F, L the gasket profile P 1645 is used for sealing the clip groove in the drip rail of the GU-thermostep threshold in the area of the outer sash.

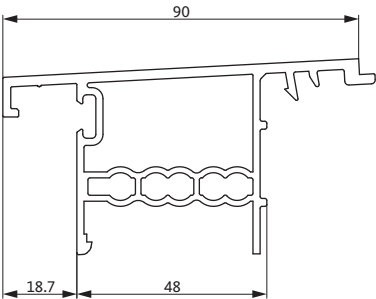
GU-thermostep 164 threshold

Drip rails



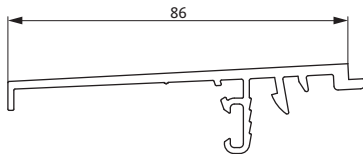
P 1842 drip rail 160

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1842 drip rail 160	3000	EV 1 / light grey	1	9-45720-30-0-1
	4000	EV 1 / light grey	1	9-45720-40-0-1
	5000	EV 1 / light grey	1	9-45720-50-0-1
	6700	EV 1 / light grey	1	9-45720-67-0-1



P 1837 drip rail 179

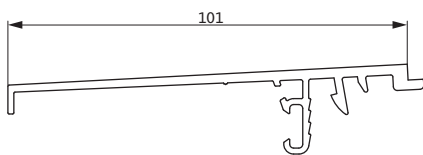
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1837 drip rail 179	3000	EV 1 / light grey	1	9-45646-30-0-1
	4000	EV 1 / light grey	1	9-45646-40-0-1
	5000	EV 1 / light grey	1	9-45646-50-0-1
		UC 5 / dark bronze	1	9-45646-50-0-5
	6700	EV 1 / light grey	1	9-45646-67-0-1



P 1676 drip rail 175

Versions/order numbers

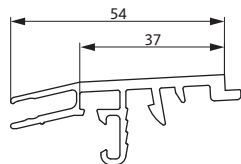
Designation	Length [mm]	Finish	PU	Order no.
P 1676 drip rail 175	3000	EV 1 / light grey	1	9-40381-30-0-1
	3500	EV 1 / light grey	1	9-40381-35-0-1
	4000	EV 1 / light grey	1	9-40381-40-0-1
	4500	EV 1 / light grey	1	9-40381-45-0-1
	5000	EV 1 / light grey	1	9-40381-50-0-1
	6700	EV 1 / light grey	1	9-40381-67-0-1
		UC 5 / dark bronze	1	9-40381-67-0-5



P 1716 drip rail 190

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1716 drip rail 190	6700	EV 1 / light grey	1	P-01716-67-0-1



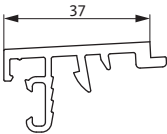
P 1651 drip rail with coupling

Versions/order numbers

Designation	Length [mm]	Finish	PU	Order no.
P 1651 drip rail with coupling	6700	EV 1 / light grey	1	9-39617-67-0-1

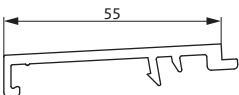
GU-thermostep 164 threshold

Drip rails



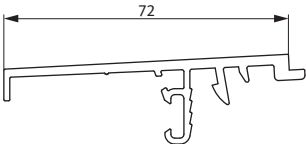
P 1640 drip rail 126 – sash distance 10 mm

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1640 drip rail 126	3000	EV 1 / light grey	1	9-39616-30-0-1
	5000	EV 1 / light grey	1	9-39616-50-0-1
	6700	EV 1 / light grey	1	9-39616-67-0-1



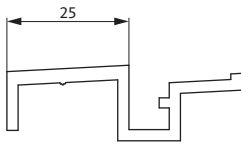
P 2151 drip rail – sash distance 28 mm

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 2151 drip rail	3000	EV 1 / light grey	1	P-02151-30-0-1
	4000	EV 1 / light grey	1	P-02151-40-0-1
	5000	EV 1 / light grey	1	P-02151-50-0-1
	6700	EV 1 / light grey	1	P-02151-67-0-1



P 1667 drip rail 161

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1667 drip rail 161	3000	EV 1 / light grey	1	9-40182-30-0-1
	4000	EV 1 / light grey	1	9-40182-40-0-1
	5000	EV 1 / light grey	1	9-40182-50-0-1
		UC 5 / dark bronze	1	9-40182-50-0-5
	6700	EV 1 / light grey	1	9-40182-67-0-1



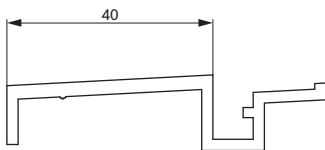
P 1051 extension 25

length = 25 mm

Versions/order numbers

Designation	For	length [mm]	Finish	PU	Order no.
P 1051 extension 25	–	6700	EV 1 / light grey	1	9-27968-67-0-1
			UC 5 / dark bronze	1	9-27968-67-0-5
P 859 gasket profile [1]	P 1051 extension 25	–	black	1	W-751018

[1] Order 1 P 859 gasket profile for each P 1051 extension 25.



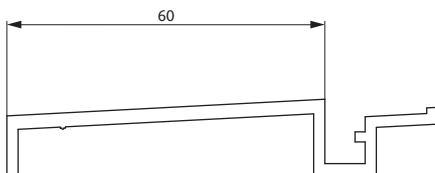
P 1840 extension 40

length = 40 mm

Versions/order numbers

Designation	For	Length [mm]	Finish	PU	Order no.
P 1840 extension 40	–	6700	EV 1 / light grey	1	P-01840-67-0-1
P 859 gasket profile [1]	P 1840 extension 40	–	black	1	W-751018

[1] Order 1 P 859 gasket profile for each P 1840 extension 40.



P 1918 extension 60

length = 60 mm

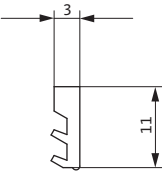
Versions/order numbers

Designation	For	Length [mm]	Finish	PU	Order no.
P 1918 extension 60	–	6700	EV 1 / light grey	1	P-01918-67-0-1
P 859 gasket profile [1]	P 1918 extension 60	–	black	1	W-751018

[1] Order 1 P 859 gasket profile for each P 1918 extension 60.

GU-thermostep 164 threshold

Gasket profile



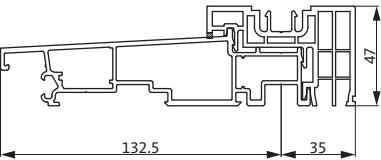
P 859 gasket profile
for sealing the profile extensions to the threshold/drip rail
Required: 1 pc; length = total frame width

Versions/order numbers				
Designation	Length [m]	Finish	PU	Order no.
P 859 gasket profile	100	black	1	W-751018



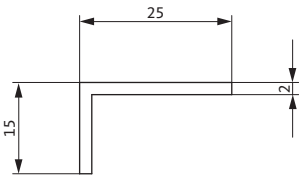
GU-threshold 47 threshold

Base profile, coupling part



GU-threshold 47 base profile

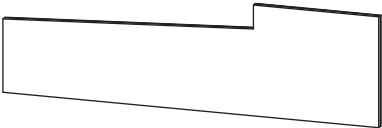
Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
GU-threshold 47 base profile	5000	EV 1 / light grey	1	6-33848-50-0-1
	6700	EV 1 / light grey	1	6-33848-67-0-1



L&S coupling part for GU threshold 47

from total frame width 6701 mm

Versions/order numbers			
Designation	TFW [mm]	PU	Order no.
L&S coupling part	from 6701	1	K-17389-00-0-0
Contains: 2 x coupling part, 1 x gasket plate, accessories			

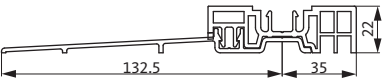


L&S end cover for GU threshold 47

Versions/order numbers		
Designation	PU	Order no.
L&S end cover for GU threshold 47	1	K-19265-01-0-1
Contains: 1 x end cover left (incl. gasket plate), 1 x end cover right (incl. gasket plate)		

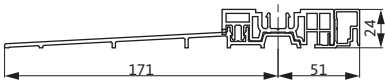
GU-flatstep 164 threshold

Base profile



GU-flatstep 164 base profile

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
GU-flatstep 164 base profile	6700	EV 1 / light grey	1	6-34948-67-0-1
		UC 5 / dark bronze	1	6-34948-67-0-5

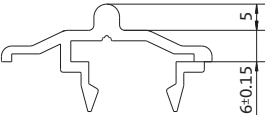


GU-flatstep 222 base profile

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
GU-flatstep 222 base profile	up to 6700	EV 1 / light grey	1	6-36103-67-0-1

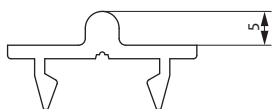
Roller tracks

Veka Slide 11 P 1836



P 1836 roller track 11

Versions/order numbers				
Profile system	Length [mm] [1]	Finish	PU	Order no.
Veka Slide	3000	EV 1 / light grey	1	P-01836-30-0-1
	4000	EV 1 / light grey	1	P-01836-40-0-1
	5000	EV 1 / light grey	1	P-01836-50-0-1
	6700	EV 1 / light grey	1	P-01836-67-0-1
[1] Length mm = TFW				

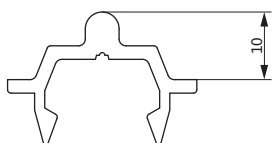


P 1636 roller track 5

Versions/order numbers

Description	Length [mm] [1]	Finish	PU	Order no.
P 1636 roller track 5	5000	EV 1 / light grey	1	9-39312-50-0-1
	6700	EV 1 / light grey	1	9-39312-67-0-1
		UC 5 / dark bronze	1	9-39312-67-0-5

[1] Length mm = TFW

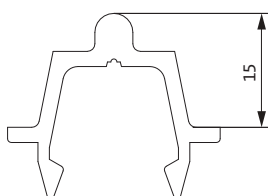


P 1659 roller track 10

Versions/order numbers

Description	Length [mm] [1]	Finish	PU	Order no.
P 1659 roller track 10	4500	EV 1 / light grey	1	9-39330-45-0-1
	6700	EV 1 / light grey	1	9-39330-67-0-1
		UC 5 / dark bronze	1	9-39330-67-0-5

[1] Length mm = TFW



P 1635 roller track 15

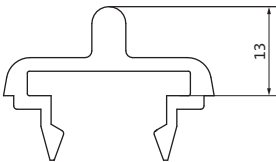
Versions/order numbers

Description	Length [mm] [1]	Finish	PU	Order no.
P 1635 roller track 15	3000	EV 1 / light grey	1	9-39311-30-0-1
	4000	EV 1 / light grey	1	9-39311-40-0-1
	5000	EV 1 / light grey	1	9-39311-50-0-1
		UC 5 / dark bronze	1	9-39311-50-0-5
	6700	EV 1 / light grey	1	9-39311-67-0-1
		UC 5 / dark bronze	1	9-39311-67-0-5

[1] Length mm = TFW

Roller tracks

13 P 1690 / P 2035 Aluplast HST85 / P 2000 Profine PremiDoor 88



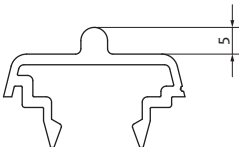
P 1690 roller track 13

Versions/order numbers				
Profile system	Length [mm] [1]	Finish	PU	Order no.
Aluplast Ideal 4000, EuroFutur/PremiDoor	6700	EV 1 / light grey	1	9-41254-67-0-1
[1] Length mm = TFW				



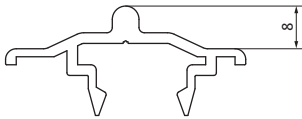
P 2035 roller track Aluplast HST85

Versions/order numbers				
Reference dimension [1]	TFW [mm]	Finish	PU	Order no.
Length = TFW	6700	EV 1 / light grey	1	P-02035-67-0-1



P 2000 roller track Profine PremiDoor 88

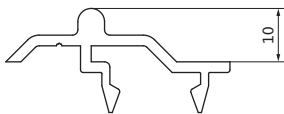
Versions/order numbers				
Reference dimension [1]	TFW [mm]	Finish	PU	Order no.
Length = TFW	3000	EV 1 / light grey	1	P-02000-30-0-1
	3500	EV 1 / light grey	1	P-02000-35-0-1
	4000	EV 1 / light grey	1	P-02000-40-0-1
	4500	EV 1 / light grey	1	P-02000-45-0-1
	5000	EV 1 / light grey	1	P-02000-50-0-1
	6700	EV 1 / light grey	1	P-02000-67-0-1



P 1976 roller track VekaSlide 82

Versions/order numbers

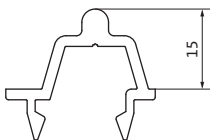
Reference dimension [1]	TFW [mm]	Finish	PU	Order no.
Length = TFW	3000	EV 1 / light grey	1	P-01976-30-0-1
	6700	EV 1 / light grey	1	P-01976-67-0-1



P 1977 roller track Schüco ThermoSlide SI82

Versions/order numbers

Reference dimension [1]	TFW [mm]	Finish	PU	Order no.
Length = TFW	6700	EV 1 / light grey	1	P-01977-67-0-1

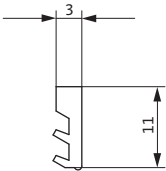


P 2047 roller track Gealan S 9000

Versions/order numbers

Reference dimension [1]	TFW [mm]	Finish	PU	Order no.
Length = TFW	3000	EV 1 / light grey	1	P-02047-30-0-1
	4000	EV 1 / light grey	1	P-02047-40-0-1
	5000	EV 1 / light grey	1	P-02047-50-0-1
	6700	EV 1 / light grey	1	P-02047-67-0-1

Gasket profiles

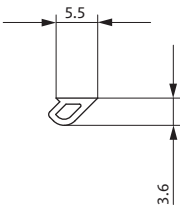


P 859 gasket profile

for sealing the profile extensions to the threshold/drip rail

Required: 1 pc; length = total frame width

Versions/order numbers				
Designation	Length [m]	Finish	PU	Order no.
P 859 gasket profile	100	black	1	W-751018



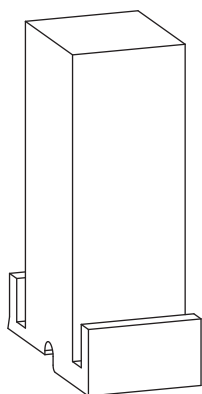
P 1645 gasket profile

for sealing the groove between the GU-thermostep threshold and the attachment track in the passage area.

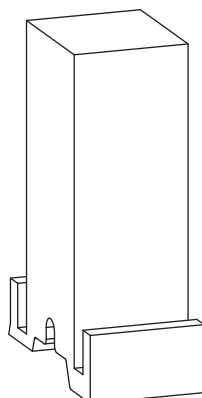
Required: 1 pc; length = ½ total frame width

Versions/order numbers				
Designation	Length [mm]	Finish	PU	Order no.
P 1645 gasket profile	3350	black	1	9-39736-33-0-6

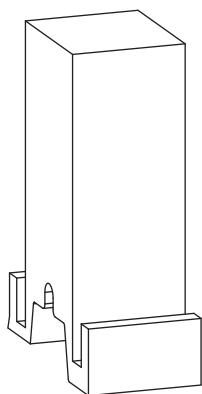
Application: if a drip rail is not used in the passage area with pattern D, E, F, L the gasket profile P 1645 is used for sealing the clip groove in the drip rail of the GU-thermostep threshold in the area of the outer sash.



Gasket pad for bogie groove 5 mm



Gasket pad for bogie groove 10 mm



Gasket pad for bogie groove 15 mm

Gasket pad for bogie groove GU-934

for sealing the bogie groove of the outer sliding sash with pattern D, E or L

1 pc required per sliding sash

Versions/order numbers

Designation	Roller track height [mm]	Finish	PU	Order no.
Gasket pad	5	black	1	9-44979-05-0-1
	10	black	1	9-44979-10-0-1
	15	black	1	9-44979-15-0-1

Gasket pad for bogie groove GU-937

for sealing the bogie groove of the outer sliding sash with pattern D, E or L

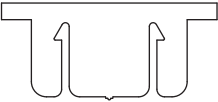
1 pc required per sliding sash

Versions/order numbers

Designation	Roller track height [mm]	Finish	PU	Order no.
Gasket pad	5	black	1	9-45105-05-0-1
	10	black	1	9-45105-10-0-1
	15	black	1	9-45105-15-0-1

Gasket plates

for sealing in the area of the bogies/roller tracks



Gasket plate for the roller track groove of the GU-thermostep 164 / 204 threshold

for sealing the roller track groove between the inner sliding sash and the door frames

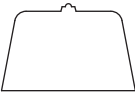
2 pcs required per roller track groove

Note: grease slightly to make installation easier

Versions/order numbers			
Designation	Finish	PU	Order no.
Gasket plate GU-thermostep 164/204	black	1	9-46553-00-0-6



Gasket plate for roller track 10 mm



Gasket plate for roller track 15 mm

Gasket plate for the roller track on the attachment track

for sealing the roller track with pattern D in the external area

Required: roller track 10 mm / 15 mm = 1 pc per roller track
roller track 5 mm = not required

Versions/order numbers				
Designation	Roller track height [mm]	Finish	PU	Order no.
Gasket plate	10	black	1	9-44739-10-0-6
	15	black	1	9-44739-15-0-6

Gasket plates

for interior/exterior L&S turn handle, L&S flush pull



Gasket plate for exterior and interior L&S turn handle

The optional gasket plate, which can be used universally for all handle models, provides increased tightness with BlowerDoor tests. The profile cylinder insert is removable so the gasket ensures optimal sealing for all handle variants.

Versions/order numbers			
Designation	Finish	PU	Order no.
Gasket plate for L&S turn handle	black	1	9-47210-01-0-6



Gasket plate for L&S flush pull

The optional gasket plate, which can be used universally for all L&S flush pulls, provides increased tightness with BlowerDoor tests. The adaptable gasket plate ensures optimal sealing for all flush pull models.

Versions/order numbers			
Designation	Finish	PU	Order no.
Gasket plate for L&S flush pull	black	1	9-47211-01-0-6





3.0 Drilling jigs and auxiliary tools

Drilling jigs, milling jigs – overview matrix	336
Mounting tools	338

Milling jig, drilling jig

Overview matrix



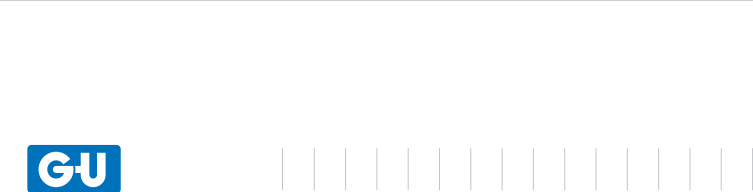
System	Drilling jig bottom keeper	Drilling jig L&S turn handle	Drilling jig L&S bogie front / rear
Order number	6-34129-00-0-0	9-27272-00-0-0	Bogie GU-934: 6-39690-01-0-0 Bogie GU-937: 6-39690-02-0-0 Bogie GU-934 Tandem: K-19878-01-0-0 Bogie GU-937 Tandem: K-19878-02-0-0
Alphacan Vision / Alphacan threshold	✓	✓	✓
Alphacan Vision / GU-flatstep 164			
Aluplast HST 85 / GU-thermostep 204	✓	✓	✓
Aluplast Ideal 4000 / GU-thermostep 164			
Aluplast Ideal 4000 / GU-threshold 47	✓	✓	✓
Aluplast Ideal 4000 / GU-flatstep 164			
Deceuninck / GU-threshold 164	✓	✓	✓
Deceuninck Monorail-Zendow / Deceuninck threshold	✓	✓	✓
Deceuninck HS476 / Inoutic threshold	✓	✓	✓
Gealan S 9000 / GU-thermostep 204	✓	✓	✓
Gealan S 8000 / GU-thermostep 164			
Gealan S 8000 / GU-threshold 47	✓	✓	✓
Gealan S 8000 / GU-flatstep 164			
Profine EuroFutur / GU-thermostep 164			
Profine EuroFutur/PremiDoor / GU-threshold 47	✓	✓	✓
Profine EuroFutur/PremiDoor / GU-flatstep 164			
Inoutic HS476 / Inoutic threshold	✓	✓	✓
Inoutic / Inoutic threshold	✓	✓	✓
Profine ProfineDoor 88 / GU-thermostep 204	✓	✓	✓
Rehau Geneo / GU-thermostep 204	✓	✓	✓
Rehau Geneo / GU-flatstep 222			
Rehau Synego Classic / GU-thermostep 204	✓	✓	✓
Rehau Synego Panorama / GU-thermostep 204			
Rehau Brillant Design S785 / GU-thermostep 164			
Rehau Brillant Design S785 / GU-threshold 47	✓	✓	✓
Rehau Brillant Design S785 / GU-flatstep 164			
Salamander evolutionDrive HST / GU-threshold 204	✓	✓	✓
Salamander ID / GU-thermostep 164	✓	✓	✓
Schüco ThermoSlide SI 82 / Schüco threshold	✓	✓	✓
Schüco Corona CT 70 / GU-thermostep 164			
Schüco Corona CT 70 / GU-threshold 47	✓	✓	✓
Schüco Corona CT 70 / GU-flatstep 164			
Veka Slide 82 / GU-thermostep 204 – Guideline for fabricators 100-042	✓	✓	✓
Veka Slide 82 / GU-thermostep 204 Guideline for fabricators 100-042a – Technical change status 01/2017			
Veka Slide 70 / GU-thermostep 164 – Guideline for fabricators 100-030c			
Veka Slide 70 / GU-thermostep 164 Guideline for fabricators 100-030c – Technical change status 01/2017	✓	✓	✓
Veka Slide 70 / GU-threshold 47			
Veka Slide 70 / GU-flatstep 164	✓	✓	✓
Wymar / Wymar threshold	✓	✓	✓



Drilling jig HS StopUnit HS SilentClose	Corner connector GU-thermostep 164 / 204	GU-threshold 47 GU-flatstep 164	Installation template GU-thermostep 164	Drilling jig attachment track GU-thermostep 164 GU-threshold 47 GU-flatstep 164
6-39694-01-0-0			9-40563-00-0-0	
√	–	–	√	–
√	6-37424-00-0-0	–	√	–
√	6-34287-00-0-0	6-34287-01-0-0	√	–
√	6-31900-02-0-0	–	√	–
√	–	–	√	–
√	–	–	√	–
√	6-37924-00-0-0	–	√	–
√	6-37028-01-0-0	6-37028-02-0-0	√	–
√	6-33104-00-0-0	6-33104-01-0-0	√	–
√	–	–	√	–
√	–	–	√	–
√	6-37092-00-0-0	–	√	–
√	6-37382-00-0-0	6-37382-01-0-0	√	–
√	6-39485-00-0-0	–	√	–
√	6-34253-00-0-0	6-34253-01-0-0	√	–
	6-34253-01-0-0			
√	6-39512-01-0-0	–	√	–
√	6-28420-00-0-3	–	√	–
√	6-37076-00-0-0	–	√	–
√	6-31900-07-0-0	6-34289-01-0-0	√	–
√	6-37077-00-0-0	–	√	–
√	6-35830-00-0-0	–	√	–
√	6-35853-00-0-0	–	√	6-35838-00-0-0
√	–	–	√	–

Mounting tools

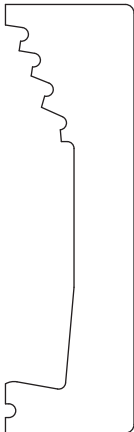
Milling jig



Milling jig for L&S flush pull and centre-lock

Use as specified in installation drawing 0-45384

Versions/order numbers			
Designation	Application range	PU	Order no.
Milling jig for L&S flush pull/centre-closer	Hardware installation	1	6-35035-00-0-0



Installation aid GU-thermostep 164

For the installation of the drip rail

Versions/order numbers			
Designation	ST [mm]	PU	Order no.
Installation aid for GU-thermostep 164 drip rail	56, 68	1	9-40563-00-0-0



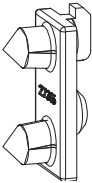
Installation aid GU-thermostep 164

For the installation of the drip rail

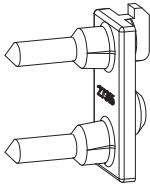
Versions/order numbers			
Designation	ST [mm]	PU	Order no.
Installation aid for GU-thermostep 164 drip rail	78, 88, 90, 92	1	9-46742-00-0-0

Mounting tools

Centre punch



9-27315-00-0-0



6-33500-00-0-0

Centre punch for the installation of the frame cams

Versions/order numbers				
Designation	For frame cams	Centre punch length [mm]	PU	Order no.
Centre punch for the installation of the frame cams	2/14 – pattern C	12 mm	1	9-27315-00-0-0
	2/14 – pattern C	31 mm	1	6-33500-00-0-0







4.1 Additional kit – barrier freedom

HS Master motor-driven drive	344
HS ePOWER motor-driven drive	355
Barrier-free thresholds	356
Barrier freedom with regard to operation of the handle	363

4.2 Additional kit – comfort

HS LiftUnit	366
HS SpeedLimiter	370
HS SilentClose and HS StopUnit damping units	372
Tension spring for Lift&Slide gear	378
L&S handle damper for Lift&Slide gears	379
L&S night vent module	380

4.3 Additional kit – design

L&S turn handles in special design	384
------------------------------------	-----

4.4 Additional kit – burglar protection

Electronic security	388
Mechanical security	389

HS Master motor-driven drive

Important notes and range of application



Important notes

- The HS Master can be installed on every Lift&Slide system shown in Chapter 1.0 (in patterns A and C)
- The standard Lift&Slide gear is replaced with the HS Master Lift&Slide gear
- With HS Master, the backset is always 37.5 mm. The sash profile must be dimensioned accordingly
- Due to the crush guard, the passage opening is reduced by 150 mm. The Lift&Slide door stops 150 mm before the door frame at the fixed-glazed sash; if necessary, the door can be opened fully manually
- The drive case at the rear is 17 mm shorter than the cover profile that is visible from the front and below
- The scope of delivery includes the installation and maintenance manual M.00098.00.0
- The scope of delivery includes the operating manual M.00099.00.0 (pattern A) or M.00139.00.0 (pattern C), which must be passed on to the end customer
- The valid installation drawings must be followed.
 - Pattern A = 0-44355
 - Pattern C = 0-44521
- We shall be glad to advise you in the event of any deviations from the general conditions described here. Please feel free to contact your field consultant

Application ranges

HS Master, pattern A

Pattern A	
Min. length of drive [mm]	2050
Max. length of drive [mm]	6700
Sash width [mm]	950 – 3300
Sash height [mm]*	1855 – 2765 [1]
Max. sash weight [kg]	400

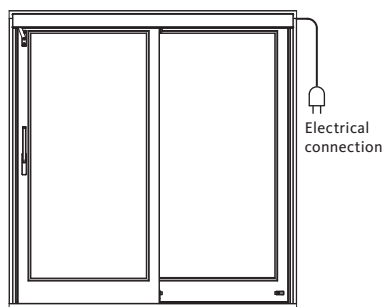
HS Master – Pattern C – for sash thickness 68 mm [2]

Pattern C	
Min. length of drive [mm]	4100
Max. length of drive [mm]	13410
Sash width [mm]	950 – 3300
Sash height [mm]*	1855 – 2765 [1]
Max. sash weight [kg]	400
Centre-to-centre distance of handles [mm]	155

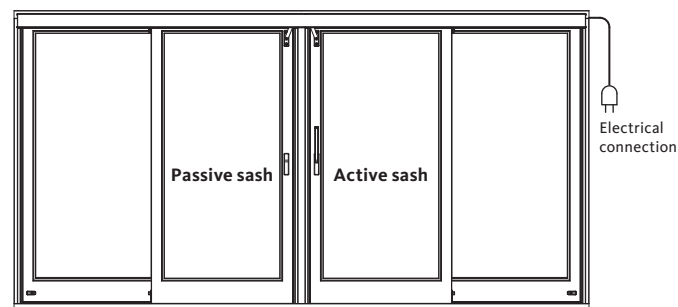
* The sash height depends on which top guide track is used and the height of the roller track. For the dimensions of the various Lift&Slide systems, refer to the corresponding installation drawings.

[1] Sash heights from 2765 mm to 3265 mm can be implemented on request with the cover-rail extension set.

[2] Other sash thicknesses, please request separately.



Interior view – pattern A
(illustration shows version with handle on left; right laterally reversed)



Interior view – pattern C
Electricity on active sash side

Ordering specifications

HS Master, pattern A

Length of drive case (LD) _____ [mm]

Finish of drive case* _____

Dimension X (min. 90 mm)
see page 346 _____ [mm]

Width of reveal (WR) _____ [mm]

Sash thickness (ST) _____ [mm]

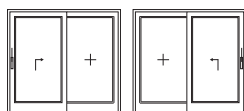
Total frame width (TFW) _____ [mm]

Sash width (SW) _____ [mm]

Sash height (SH) _____ [mm]

Sash distance (SD) _____ [mm]

Handle position (interior view) ☐ left ☐ right



Remote control ☐ yes ☐ no

Number of handheld
radio transmitters _____

Profile details

Manufacturer _____

Profile series _____

HS Master, pattern C

Length of drive case (LD) _____ [mm]

Finish of drive case* _____

Handle distance (HD) (min. 155 mm)
see page 347 _____ [mm]

Width of reveal (WR) _____ [mm]

Sash thickness (ST) _____ [mm]

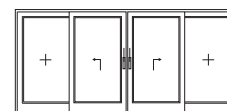
Total frame width (TFW) _____ [mm]

Sash width (SW) _____ [mm]

Sash height (SH) _____ [mm]

Sash distance (SD) _____ [mm]

Active sash ☐ right ☐ left



Remote control ☐ yes ☐ no

Number of handheld
radio transmitters _____

Profile details

Manufacturer _____

Profile series _____

* Available in the finishes -1 (EV 1 / light grey), -5 (UC 5 / dark bronze) and -7 (white)

HS Master motor-driven drive

Important dimension specifications



The following dimension specifications must be observed and complied with without fail

The space requirement for the linkage is 85 mm measured from the pivot of the gear to the outer edge of the drive case.

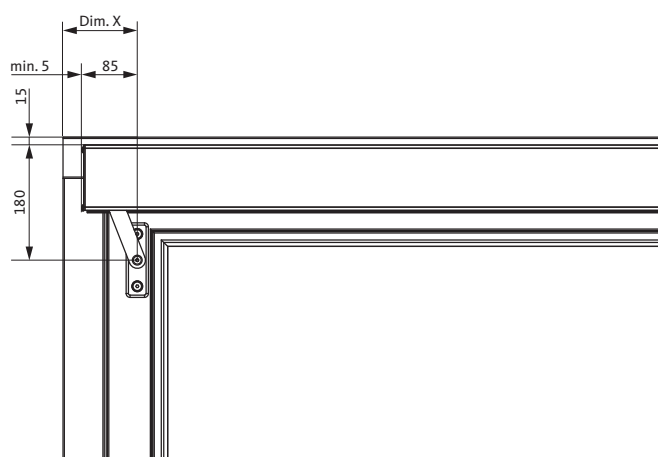
The minimum distance from the drive case to the edge of the plaster is 5 mm.

These two dimensions produce dimension X, which is necessary for the order.

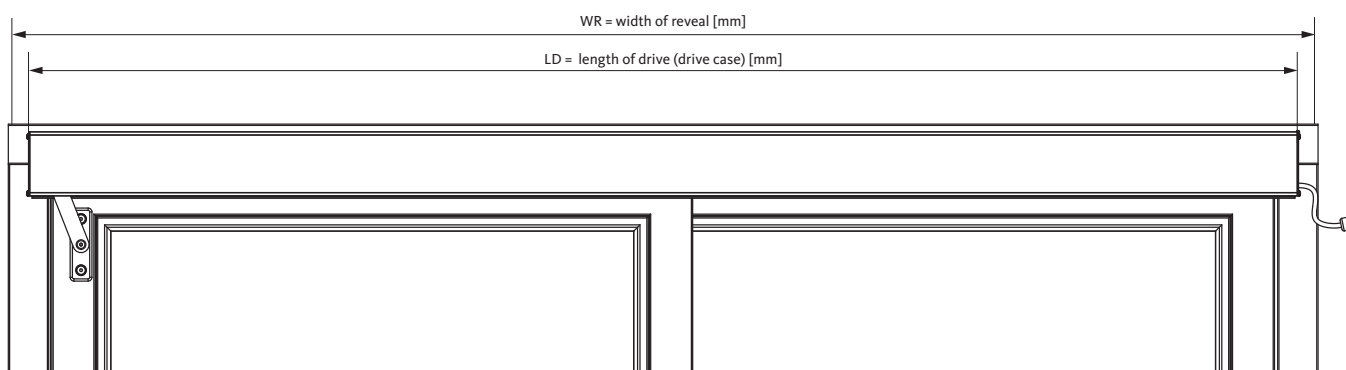
In order to guarantee error-free installation and function, these dimensions must be observed without fail: lower values are not acceptable.

Installation drawing 0-44355

The drive case at the rear is 17 mm shorter than the cover profile that is visible from the front and below. If dimension X increases because the frame has been widened, the difference between the drive case and the cover profile will also be greater than 17 mm.



A minimum distance of 5 mm must be measured on both sides between the drive case on the top door frame of the Lift&Slide element and the edge of the plaster of the neighbouring masonry. The dimension between the plaster edges at the sides is specified in the ordering specifications as the width of reveal.



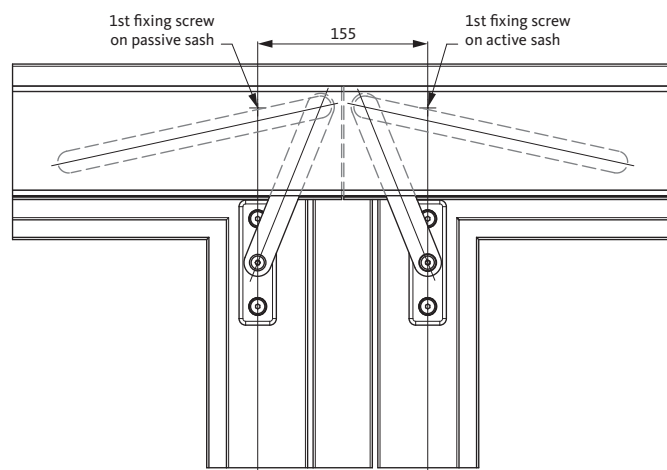


When using the HS Master in Lift&Slide elements in pattern C, the following dimensional specifications must also be observed:

The space requirement for the linkage is 155 mm measured between the pivots of the gear. This dimension provides the handle distance HD, which is necessary for the order.

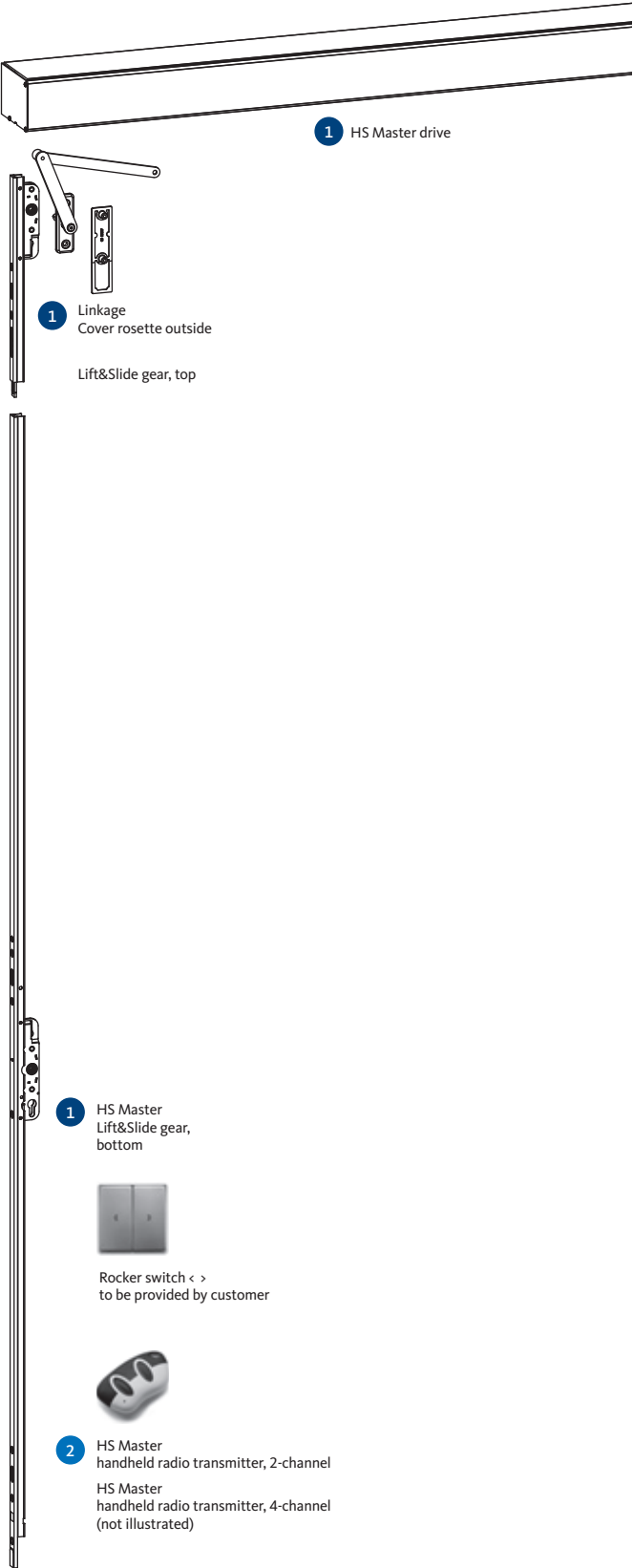
In order to guarantee error-free installation and function, this dimension must be observed without fail: lower values are not acceptable.

0-44521



HS Master motor-driven drive

Order information, pattern A



Order overview

	Description
1	Required components
2	Accessories for new systems and for retrofitting



Step 1: Order your standard hardware set

- Exception: The standard Lift&Slide gear is replaced with the HS Master Lift&Slide gear

Standard hardware sets		
Pattern A	Standard hardware sets	Order information
1	Lift&Slide hardware GU-934 (without Lift&Slide gear)	see particular profile system
1	Lift&Slide hardware GU-934 Tandem (without Lift&Slide gear)	see particular profile system
Threshold set:		
1	As desired	see particular profile system
Top guide track set:		
1	As desired	see particular profile system

Step 2: In addition to the standard hardware set, order the following components:

1 General hardware requirements for pattern A

HS Master drive – standard version [1]						
Pattern A	Designation	Description	Finish	PU	Order no.	
					on left	on right
1	HS Master drive	Standard version for – Operation via L&S turn handle / Push & Go function – Operation via rocker switch (provided by customer)	EV 1 / light grey	1	6-32205-98-L-1	6-32205-98-R-1
			UC 5 / dark bronze	1	6-32205-98-L-5	6-32205-98-R-5
			white	1	6-32205-98-L-7	6-32205-98-R-7
Alternative: HS Master drive – radio-controlled version [2]						
1	HS Master drive	as standard version, and also prepared for operation via handheld radio transmitter	EV 1 / light grey	1	6-32654-98-L-1	6-32654-98-R-1
			UC 5 / dark bronze	1	6-32654-98-L-5	6-32654-98-R-5
			white	1	6-32654-98-L-7	6-32654-98-R-7

[1] Manufacture according to ordering specifications – see page 345.

[2] The radio receiver is installed. 1 handheld radio transmitter is included in the scope of delivery; other handheld radio transmitters may be ordered separately as accessories.

HS Master linkage					
Pattern A	Designation	Finish	PU	Order no.	
1	HS Master linkage	EV 1 / light grey	1	K-16750-00-0-1	
		UC 5 / dark bronze	1	K-16750-00-0-5	
		white	1	K-16750-00-0-7	

Contains: 1 x linkage, 1 x outside cover rosette, fixing material

HS Master Lift&Slide gear				
Pattern A	Designation	Finish	PU	Order no.
1	HS Master Lift&Slide gear [1]	EV 1 / light grey	1	K-16748-00-0-1

Contains: 2 x Lift&Slide gear, 1 x connecting rod, 1 x drilling template
[1] Sash heights from 2765 mm to 3265 mm can be implemented on request with the cover-rail extension set.

HS Master cover-rail extension				
Pattern A	Designation	Finish	PU	Order no.
1	HS Master cover-rail extension	EV 1 / light grey	1	K-18896-00-0-1

Contains: 1 x cover rail, 1 x connecting rod

HS Master motor-driven drive

Order information, pattern A

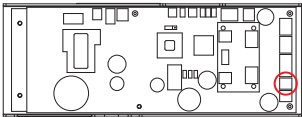


2 Accessories for new systems and for retrofitting

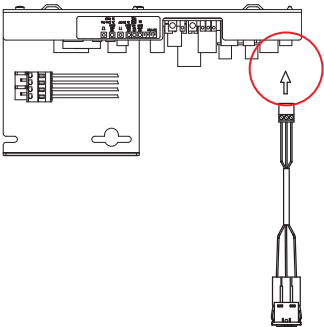
HS Master handheld radio transmitter					
Pattern A	Designation	Description	Finish	PU	Order no.
1	HS Master handheld radio transmitter	2-channel with GU-specific coding, for HS Master drives in radio-controlled version, spare button battery CR 2016, 2 x	grey-blue	1	6-32264-01-0-0
			grey-wine red	1	6-32264-02-0-0
			grey-anthracite	1	6-32264-03-0-0
			grey-red	1	6-32264-04-0-0
Alternative: HS Master handheld radio transmitter, 4-channel					
1	HS Master handheld radio transmitter	4-channel	grey-yellow	1	6-33788-00-0-0

HS Master radio receiver card					
Pattern A	Designation	Finish	PU	Order no.	
1	HS Master radio receiver card	–	1	6-32627-00-0-0	

HS Master commissioning set / operating sticker					
Pattern A	Designation	Finish	PU	Order no.	
1	HS Master commissioning set	–	1	6-36125-00-0-0	
1	Operating sticker	–	1	9-47818-01-0-0	



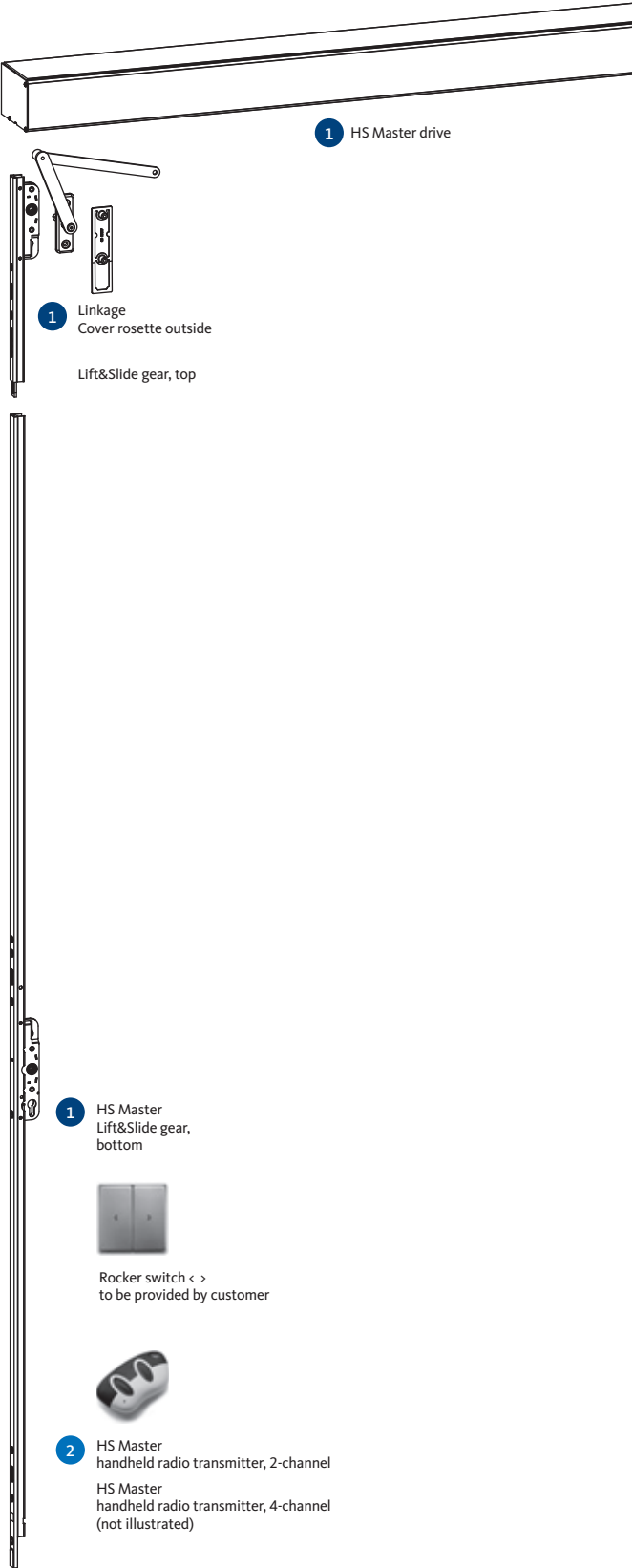
HS Master commissioning set
Plug-in position on inside: slots 4 5 6





HS Master motor-driven drive

Order information, pattern C



Order overview

	Description
1	Required components
2	Accessories for new systems and for retrofitting



Step 1: Order your standard hardware set

- Exception: The standard Lift&Slide gear is replaced with the HS Master Lift&Slide gear

Standard hardware sets		
Pattern C	Standard hardware sets	Order information
Hardware set (choose from the following variants):		
1	Lift&Slide hardware GU-934 (without Lift&Slide gear)	see particular profile system
1	Lift&Slide hardware GU-934 Tandem (without Lift&Slide gear)	see particular profile system
Threshold set:		
1	As desired	see particular profile system
Top guide track set:		
1	As desired	see particular profile system

Step 2: In addition to the standard hardware set, order the following components:

1 General hardware requirements for pattern C

HS Master drive – standard version [1]						
Pattern C	Designation	Description	Finish	PU	Order no.	
					on left	on right
1	HS Master drive	Standard version for – Operation via L&S turn handle / Push & Go function – Operation via rocker switch (provided by customer)	EV 1 / light grey	1	6-33625-98-L-1	6-33625-98-R-1
			UC 5 / dark bronze	1	6-33625-98-L-5	6-33625-98-R-5
			white	1	6-33625-98-L-7	6-33625-98-R-7
Alternative: HS Master drive – radio-controlled version [2]						
1	HS Master drive	as standard version, and also prepared for operation via handheld radio transmitter	EV 1 / light grey	1	6-33626-98-L-1	6-33626-98-R-1
			UC 5 / dark bronze	1	6-33626-98-L-5	6-33626-98-R-5
			white	1	6-33626-98-L-7	6-33626-98-R-7

[1] Manufacture according to ordering specifications – see page 345.

[2] The radio receiver is installed. 1 handheld radio transmitter is included in the scope of delivery; other handheld radio transmitters may be ordered separately as accessories.

HS Master linkage				
Pattern C	Designation	Finish	PU	Order no.
1	HS Master linkage	EV 1 / light grey	1	K-16750-00-0-1
		UC 5 / dark bronze	1	K-16750-00-0-5
		white	1	K-16750-00-0-7

Contains: 1 x linkage, 1 x outside cover rosette, fixing material

HS Master Lift&Slide gear				
Pattern C	Designation	Finish	PU	Order no.
1	HS Master Lift&Slide gear [1]	EV 1 / light grey	1	K-16748-00-0-1

Contains: 2 x Lift&Slide gear, 1 x connecting rod, 1 x drilling template
 [1] Sash heights from 2765 mm to 3265 mm can be implemented on request with the cover-rail extension set.

HS Master cover-rail extension				
Pattern C	Designation	Finish	PU	Order no.
1	HS Master cover-rail extension	EV 1 / light grey	1	K-18896-00-0-1

Contains: 1 x cover rail, 1 x connecting rod

HS Master motor-driven drive

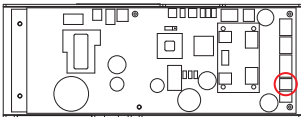
Order information, pattern C



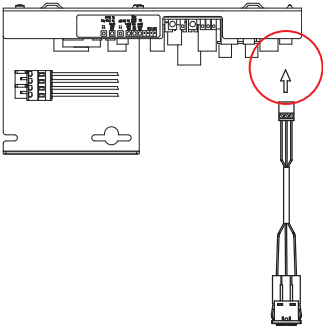
2 Accessories for new systems and for retrofitting

HS Master handheld radio transmitter					
Pattern A	Designation	Description	Finish	PU	Order no.
1	HS Master handheld radio transmitter	2-channel with GU-specific coding, for HS Master drives in radio-controlled version, spare button battery CR 2016, 2 x	grey-blue	1	6-32264-01-0-0
			grey-wine red	1	6-32264-02-0-0
			grey-anthracite	1	6-32264-03-0-0
			grey-red	1	6-32264-04-0-0
Alternative: HS Master handheld radio transmitter, 4-channel					
1	HS Master handheld radio transmitter	4-channel	grey-yellow	1	6-33788-00-0-0

HS Master commissioning set / operating sticker					
Pattern A	Designation	Finish	PU	Order no.	
1	HS Master commissioning set	–	1	6-36125-00-0-0	
1	Operating sticker	–	1	9-47818-01-0-0	



HS Master commissioning set
Plug-in position on inside: slots 4 5 6





Order notes:

- **Application and use in PVC systems following testing and approval by GU and the relevant system provider**
- The HS ePOWER can be installed in any Lift&Slide system
 - with L&S bogie GU-934
 - with sash thicknesses from 78 mm
 - with roller track 5 mm
 - with sash weights up to 400 kg
 - pattern A with sliding sashes on the inside
- The HS ePOWER can be combined with every threshold from page 286
- Pre-assembled, plug-in modules allow the assembly to be carried out quickly, easily and safely according to the plug-and-play principle and the door can be commissioned immediately
- Current transmission without cables via tappet contacts from frame to sash
- Control by means of operating element on Lift&Slide door sash
- Optional extensions:
 - Locking monitoring set
 - Radio remote control
 - Status request can be triggered via Smartphone or Somfy
- The valid installation drawing 0-47622 must be followed

Technical documentation

Documentation	
Designation	Document no.
Installation drawing	0-47622
Installation instructions HS ePOWER	0-47612
Commissioning instructions HS ePOWER	0-47613
Operating instructions HS ePower	0-47614
Brief commissioning instructions HS ePOWER	0-48062
Instructions for handheld radio transmitter (B-55281-02-0-9)	contained in the scope of delivery
Instructions for radio transmitter (B-55281-05-1-9)	contained in the scope of delivery
Instructions for radio receiver (B-55280-03-0-6)	contained in the scope of delivery

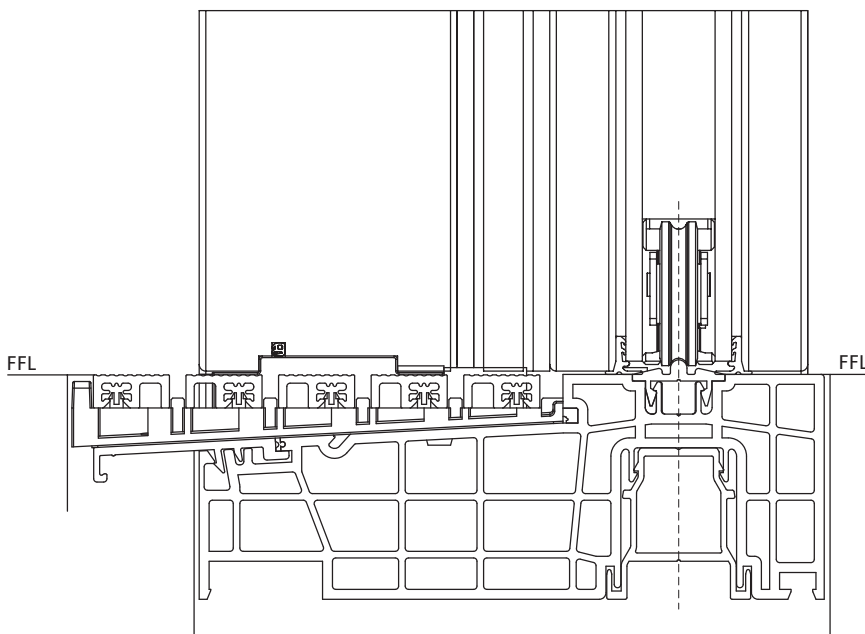
Barrier-free threshold

Flush versions for GU-thermostep 204 / GU-thermostep 164



Order notes:

- The flush threshold can be installed on every Lift&Slide system shown in Chapter 1.0 (patterns A and C)
- A tread threshold is not required. Drip rail and roller track (4 mm) must be ordered separately
- Supporting bridges and support profiles must also be ordered, depending on the profile system
- The neutral installation drawing 0-48549 must be followed
- The existing threshold designs remain unchanged
- Gaskets and structural connections of the threshold remain unchanged
- Simple and easy installation





General hardware requirements for all profile systems

P 2209 roller track bb						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	P 2209 roller track bb	3000	EV 1 / light grey	1	P-02209-30-0-1
			4000	EV 1 / light grey	1	P-02209-40-0-1
			5000	EV 1 / light grey	1	P-02209-50-0-1
			6700	EV 1 / light grey	1	P-02209-67-0-1

Installation aid for supporting bridge					
Pattern		Designation	Finish	PU	Order no.
A	C				
1	1	Installation aid for supporting bridge	–	1	9-51495-00-0-0

Aluplast HST 85 – barrier-free threshold

Profile-specific hardware requirements for GU-thermostep 204



Profile-specific hardware requirements for Aluplast HST 85

Installation drawing for Aluplast HST 85: 0-46763

L&S supporting bridge bb for passage area					
Pattern		Designation	Finish	PU	Order no.
A	C				
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19911-01-0-1
			EV 1 / light grey	100	K-19911-10-0-1
Optional: L&S supporting bridge for fixed-glazed sash					
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19922-01-0-1
			EV 1 / light grey	100	K-19922-10-0-1

1 x roller track profile – 1.5 mm offset						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	L&S roller track profile bb	3000	EV 1 / light grey	1	P-02210-30-0-1
			4000	EV 1 / light grey	1	P-02210-40-0-1
			6700	EV 1 / light grey	1	P-02210-67-0-1

SBS support profile bb for passage and fixed-glazed sash						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
5	5	SBS support profile bb	1200	EV 1 / light grey	1	P-02178-12-0-1
			2000	EV 1 / light grey	1	P-02178-20-0-1
			6000	EV 1 / light grey	1	P-02178-60-0-1

Gealan S 9000 – barrier-free threshold

Profile-specific hardware requirements for GU-thermostep 204



Profile-specific hardware requirements for Gealan S 9000

Installation drawing for Gealan S 9000: 0-46855

L&S supporting bridge bb for passage area					
Pattern		Designation	Finish	PU	Order no.
A	C				
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19911-01-0-1
			EV 1 / light grey	100	K-19911-10-0-1
Optional: L&S supporting bridge for fixed-glazed sash					
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19922-01-0-1
			EV 1 / light grey	100	K-19922-10-0-1

1 x roller track profile – 2.8 mm offset						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	L&S roller track profile bb	3000	EV 1 / light grey	1	P-02211-30-0-1
			4000	EV 1 / light grey	1	P-02211-40-0-1
			6700	EV 1 / light grey	1	P-02211-67-0-1

SBS support profile bb for passage and fixed-glazed sash						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
5	5	SBS support profile bb	1200	EV 1 / light grey	1	P-02178-12-0-1
			2000	EV 1 / light grey	1	P-02178-20-0-1
			6000	EV 1 / light grey	1	P-02178-60-0-1

Rehau Synego – barrier-free threshold

Profile-specific hardware requirements for GU-thermostep 204



Profile-specific hardware requirements for Rehau Synego

Installation drawing for Rehau Synego Classic: 0-47728

Installation drawing for Rehau Synego Panorama: 0-47728

L&S supporting bridge bb for passage area					
Pattern		Designation	Finish	PU	Order no.
A	C				
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19911-01-0-1
			EV 1 / light grey	100	K-19911-10-0-1
Optional: L&S supporting bridge for fixed-glazed sash					
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19922-01-0-1
			EV 1 / light grey	100	K-19922-10-0-1

1 x roller track profile – 4.0 mm offset						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	L&S roller track profile bb	3000	EV 1 / light grey	1	P-02212-30-0-1
			4000	EV 1 / light grey	1	P-02212-40-0-1
			6700	EV 1 / light grey	1	P-02212-67-0-1

SBS support profile bb for passage and fixed-glazed sash						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
5	5	SBS support profile bb	1200	EV 1 / light grey	1	P-02178-12-0-1
			2000	EV 1 / light grey	1	P-02178-20-0-1
			6000	EV 1 / light grey	1	P-02178-60-0-1

Salamander EvolutionDrive HST – barrier-free threshold



Profile-specific hardware requirements for GU-thermostep 204



Profile-specific hardware requirements for Salamander EvolutionDrive HST

Installation drawing for Salamander EvolutionDrive HST: 0-47710

L&S supporting bridge bb for passage area						
Pattern		Designation	Finish	PU	Order no.	
A	C					
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19911-01-0-1	
			EV 1 / light grey	100	K-19911-10-0-1	
Optional: L&S supporting bridge for fixed-glazed sash						
5 pieces per meter		L&S supporting bridge bb	EV 1 / light grey	10	K-19922-01-0-1	
			EV 1 / light grey	100	K-19922-10-0-1	

1 x roller track profile – 2.8 mm offset						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
1	1	L&S roller track profile bb	3000	EV 1 / light grey	1	P-02211-30-0-1
			4000	EV 1 / light grey	1	P-02211-40-0-1
			6700	EV 1 / light grey	1	P-02211-67-0-1

SBS support profile bb for passage and fixed-glazed sash						
Pattern		Designation	Length [mm]	Finish	PU	Order no.
A	C					
5	5	SBS support profile bb	1200	EV 1 / light grey	1	P-02178-12-0-1
			2000	EV 1 / light grey	1	P-02178-20-0-1
			6000	EV 1 / light grey	1	P-02178-60-0-1



Barrier freedom with regard to operation of the handle

Extended handle – RONDO series – interior L&S turn handle with PC-hole

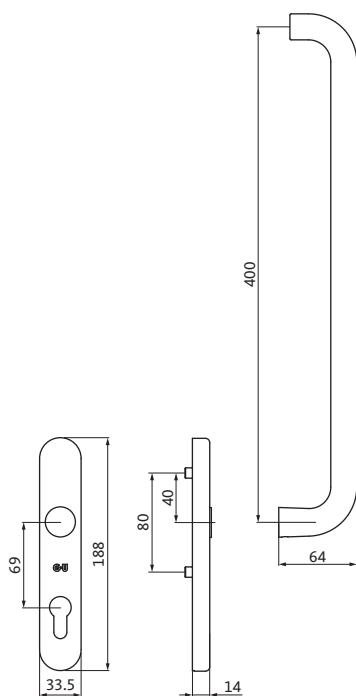


Product information

- High-quality stainless steel handle with PC-hole, interior
- Handle length 400 mm
- Handle height 78 mm
- With 10 mm square spindle and 80 mm distance between screw centres
- Square spindle adjustable
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- For sash thicknesses up to 110 mm

Suitable for barrier-free construction in accordance with DIN 18040

The operating force for raising the sliding sash can be reduced by up to 50 % due to the extended L&S turn handle.



Barrier freedom with regard to operation of the handle

Extended handle – RONDO series – interior L&S turn handle without PC-hole

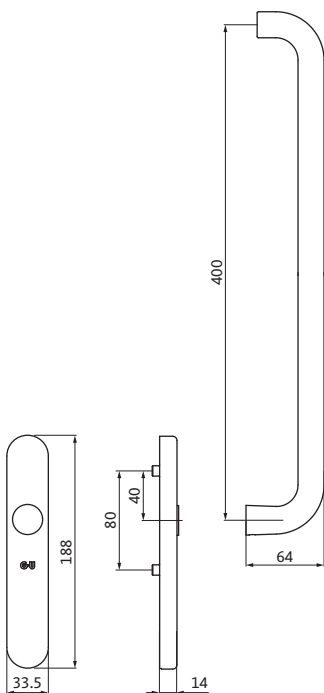


Product information

- High-quality stainless steel L&S turn handle without PC hole
- Handle length 400 mm
- Handle height 78 mm
- With 10 mm square spindle and 80 mm distance between screw centres
- Square spindle adjustable
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- For sash thicknesses up to 110 mm

Suitable for barrier-free construction in accordance with DIN 18040

The operating force for raising the sliding sash can be reduced by up to 50 % due to the extended L&S turn handle.



You can find ordering information on the individual handle variants in Chapter 5.0 "L&S turn handles and accessories" on pages 395.

Barrier freedom with regard to operation of the handle

Lift&Slide gear with profile cylinder – handle height 850 mm and handle height variable



Note:

The specifications for the range of applications (sash heights) and the handle height are general and may deviate minimally depending on the roller track height and the used profile system. The system-related dimensions can be found in the profile system drawings.

Special size -98-

The size -98- specified in the table is a special size that is fabricated with the handle height at the customer's request.

The application range depends on the basic size of the drive-gear that is used for the fabrication (sizes -19- to -44-).

Please request prices and delivery times in individual cases.

Installation drawing 0-44186

Lift&Slide gear – 37.5 mm backset – lockable, with profile cylinder

Backset [mm]	SH [mm]	Handle height [mm]	Quantity of locks	Cover rail finish		Lock case finish	PU	Order no.
				EV 1 anodised	UC 5 anodised	ferGUard		
37.5	1850 – 2350	850	2	■		■	1	6-30021-20-0-1
					■	■	1	6-30021-20-0-5
	1220 – 2750	min. 410	2	■		■	1	6-30021-98-0-1

Lift&Slide gear – 27.5 mm backset – lockable, with profile cylinder

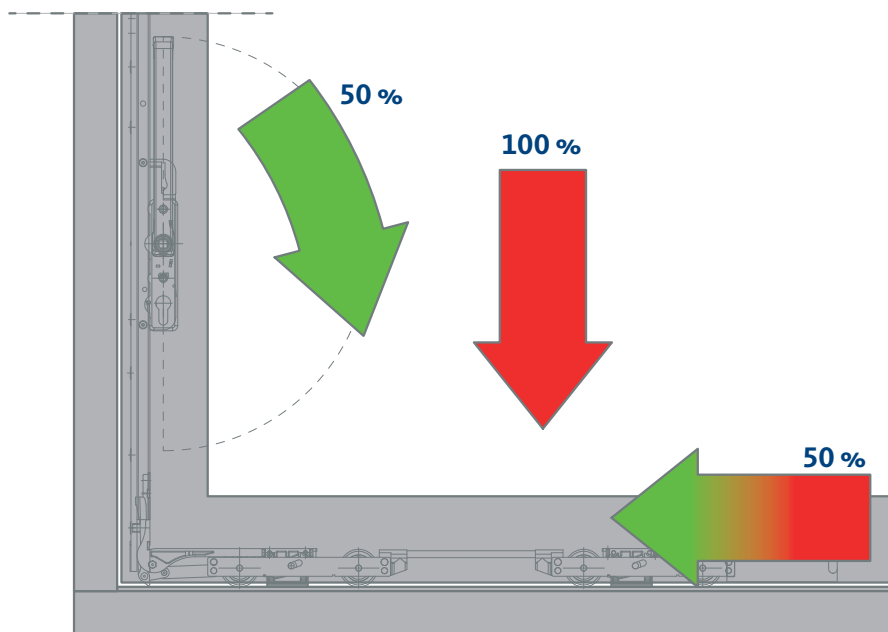
Backset [mm]	SH [mm]	Handle height [mm]	Quantity of locks	Cover rail finish		Lock case finish	PU	Order no.
				EV 1 anodised	UC 5 anodised	ferGUard		
27.5	1850 – 2350	850	2	■		■	1	6-30019-20-0-1
	1220 – 2750	min. 410	2	■		■	1	6-30019-98-0-1

HS LiftUnit

Order notes



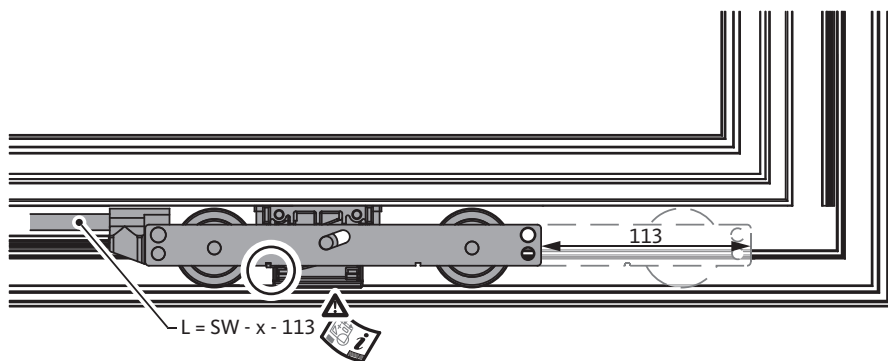
Functional principle



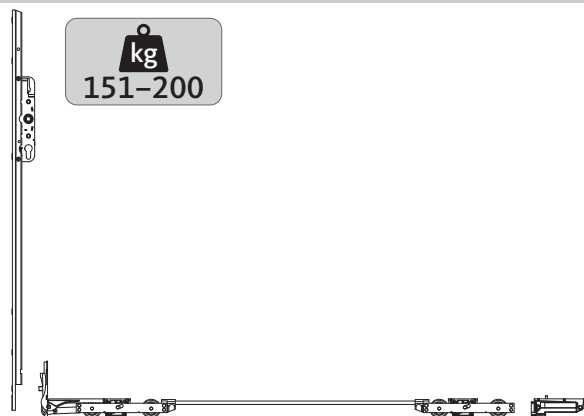
Thanks to the HS LiftUnit, operation of the Lift&Slide door is comfortable and simple, as the operating forces have been noticeably reduced

Note:

- Please observe the application ranges and processing guidelines of the system provider. The following information applies for the hardware
- The HS LiftUnit can be installed in any Lift&Slide system
 - with L&S bogie GU-934
 - with hardware groove of min. 22 mm
- Suitable for all customary sash arrangement patterns
- Delivery includes installation instructions 0-48605



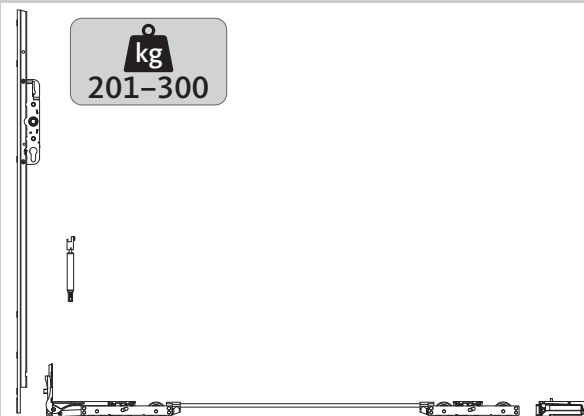
The rear bogie's position is moved towards the sash centre by 113 mm



kg
151–200

Hardware requirements

- 1 x Lift&Slide gear
- 1 x L&S bogie GU-934
- 1 x HS LiftUnit Standard



kg
201–300

Hardware requirements

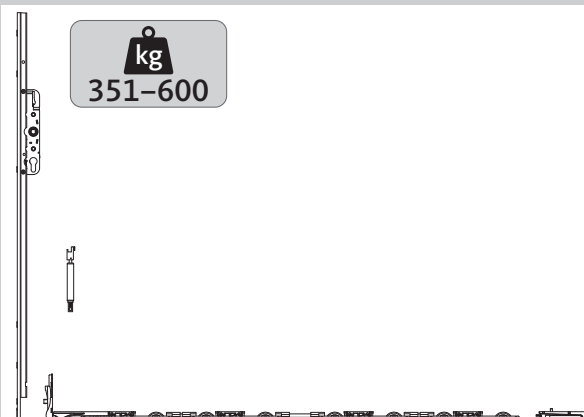
- 1 x Lift&Slide gear
- 1 x L&S handle damper
- 1 x L&S bogie GU-934
- 1 x HS LiftUnit Standard



kg
301–350

Hardware requirements

- 1 x Lift&Slide gear
- 1 x L&S bogie GU-934
- 1 x HS LiftUnit heavy



kg
351–600

Hardware requirements

- 1 x Lift&Slide gear
- 1 x L&S handle damper
- 1 x L&S bogie GU-934
- 1 x L&S tandem bogie GU-934
- 1 x HS LiftUnit heavy

The standard application range for the GU-934 L&S bogies remains the same (L&S bogie GU-934 up to 300 kg / L&S tandem bogie GU-934 up to 400 kg).

Sash weights exceeding 400 kg are only possible when using the HS LiftUnit.

Therefore please pay attention to the GU installation instructions as well as to the processing guidelines of the system provider.

HS LiftUnit

Order information



Application range 151–200 kg

Hardware requirements			
Designation	Finish	PU	Order no.
L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
	faceGUard	1	K-16488-00-0-18
HS LiftUnit Standard	EV 1 / light grey	1	K-19877-01-0-1
Drilling jig for HS LiftUnit	–	1	K-20067-00-0-0
The Lift&Slide gear must be selected according to the specific system. For the corresponding order information, see from page 7.			

Application range 201–300 kg

Hardware requirements			
Designation	Finish	PU	Order no.
L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
	faceGUard	1	K-16488-00-0-18
L&S handle damper	black	1	K-19053-00-0-6
HS LiftUnit Standard	EV 1 / light grey	1	K-19877-01-0-1
Drilling jig for HS LiftUnit	–	1	K-20067-00-0-0
The Lift&Slide gear must be selected according to the specific system. For the corresponding order information, see page 7 onwards.			



Application range 301–350 kg

Hardware requirements			
Designation	Finish	PU	Order no.
L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
	faceGUard	1	K-16488-00-0-18
HS LiftUnit heavy	EV 1 / light grey	1	K-19877-00-0-1
Drilling jig for HS LiftUnit	–	1	K-20067-00-0-0

The Lift&Slide gear must be selected according to the specific system. For the corresponding order information, see page 7 onwards.

Application range 351–600 kg

Hardware requirements			
Designation	Finish	PU	Order no.
L&S bogie GU-934	ferGUard	1	K-16488-00-0-1
	faceGUard	1	K-16488-00-0-18
L&S tandem bogie GU-934	ferGUard	1	K-17804-01-0-1
	faceGUard	1	K-17804-01-0-18
L&S handle damper	black	1	K-19053-00-0-6
HS LiftUnit heavy	EV 1 / light grey	1	K-19877-00-0-1
Drilling jig for HS LiftUnit	–	1	K-20067-00-0-0

The Lift&Slide gear must be selected according to the specific system. For the corresponding order information, see page 7 onwards.

HS SpeedLimiter

Benefits and application ranges



Benefits

- The HS SpeedLimiter prevents the sliding sash from accelerating to avoid
 - personal injury
 - damage to the structure
- Unrestricted ease of operation
- Simple installation; retrofittable
- Ideally suited for installation in public buildings such as, e.g. schools
- Suitable for elements of timber, PVC, and aluminium

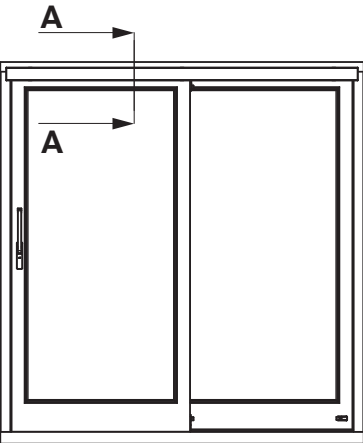
Installation drawing 0-44550

Sticker with operating instructions 9-50594-00-0-1 to be ordered separately.

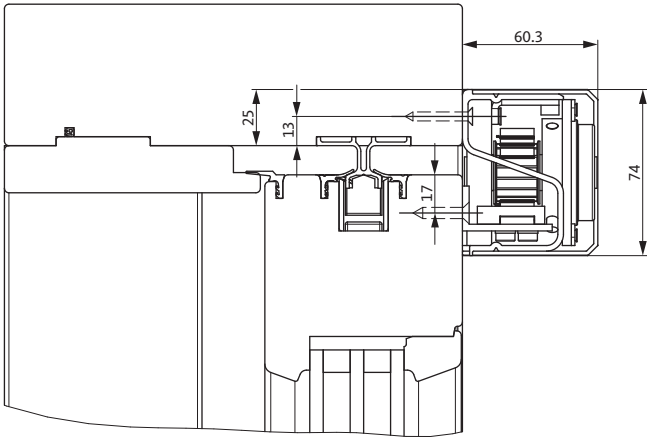
Application ranges

HS SpeedLimiter	
Sliding speed [m/s]	0.2
Sash width [mm]	max. 3300 [1] [2]
Sash height [mm]	max. 2765 [1] [2]
Sash weight [kg]	max. 400 [1]
Sash configurations	Pattern A and C

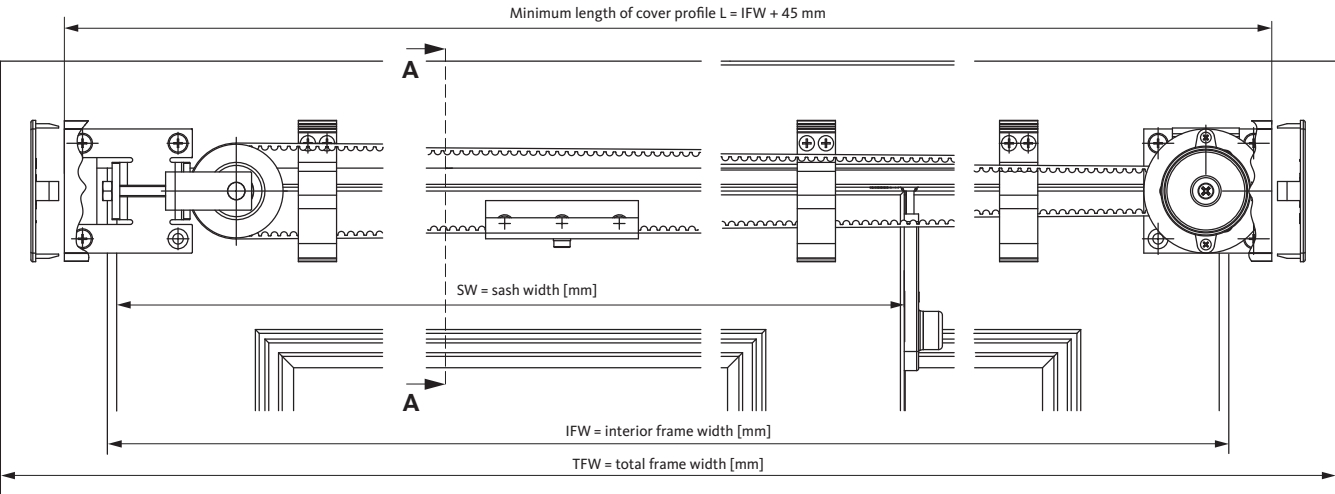
[1] Coordinated with Lift&Slide hardware GU-934
[2] Coordinated with Lift&Slide hardware GU-937
Note: the HS SpeedLimiter complies with the maximum sliding speed of 0.2 m/s stipulated in the German accident prevention regulations and in the VHB directive.



Interior view – pattern A



Section A – A





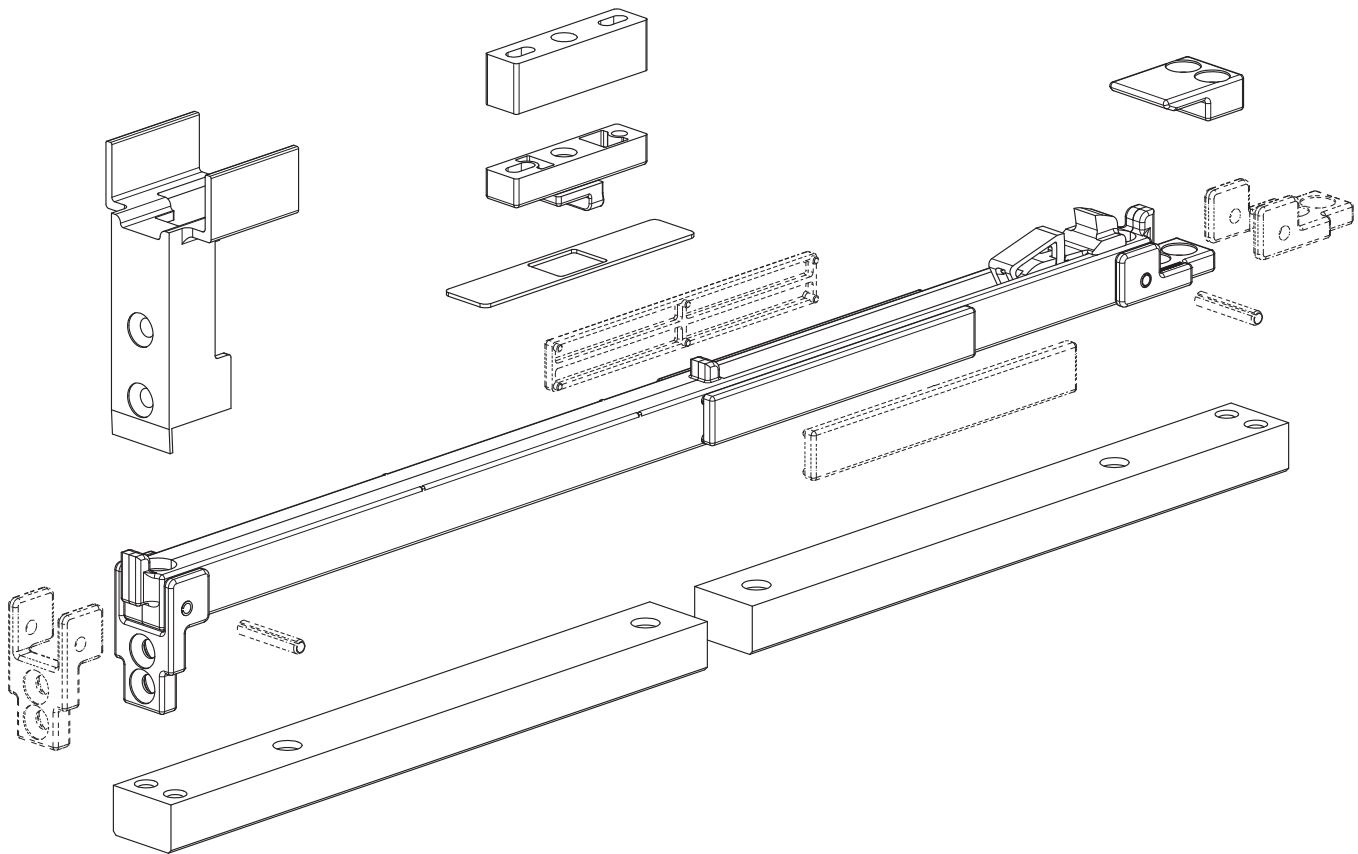
Hardware requirements depending on sash size for pattern A and C

HS SpeedLimiter basic hardware set

Pattern		Designation	Finish	PU	Order no.
A	C				
1	2	HS SpeedLimiter basic hardware set	EV 1 / light grey	1	K-17179-20-0-1

Set of profiles for HS SpeedLimiter

Pattern		SW [mm]	TFW [mm]	Finish	PU	Order no.
A	C					
1	–	– 1950	– 4000	EV 1 / light grey	1	K-17180-40-0-1
1	–	1951 – 3300	4001 – 6700	EV 1 / light grey	1	K-17180-67-0-1
–	1	– 1450	– 6700	EV 1 / light grey	1	K-17180-67-0-1
–	2	1451 – 1950	6701 – 8000	EV 1 / light grey	1	K-17180-40-0-1
–	2	1951 – 3300	8001 – 13400	EV 1 / light grey	1	K-17180-67-0-1





HS SilentClose damping unit

For even safer operation of sashes weighing up to 200 kg and up to 400 kg

HS SilentClose damping unit gently brakes the L&S sash as it travels to the open and closed position and moves it to the corresponding end position. Concealed installation.

Up to two damping units can be used per sliding sash (open and closed position). The HS StopUnit damping unit and the HS SilentClose damping unit can be combined.

Opening and closing can be controlled separately via both products.

Versions/order numbers

Designation	SW [kg]	PU	Order no.
HS SilentClose damping unit	up to 200	1	K-19463-01-0-6
	up to 400	1	K-19463-00-0-6

For the profile-specific application options, please refer to the installation drawing for the profile system.

HS StopUnit damping unit

For even safer operation of sashes weighing up to 200 kg and up to 400 kg

The HS StopUnit damping unit gently brakes the L&S sash as it travels to the open and closed position. The L&S sash must be consciously moved to the corresponding end position. Concealed installation.

Up to two damping units can be used per sliding sash (open and closed position). The HS StopUnit damping unit and the HS SilentClose damping unit can be combined. Opening and closing can be controlled separately via both products.

Versions/order numbers

Designation	SW [kg]	PU	Order no.
HS StopUnit damping unit	up to 200	1	K-19955-01-0-6
	up to 400	1	K-19955-00-0-6

For the profile-specific application options, please refer to the installation drawing for the profile system.

Order example

Below please find an order overview for damping units and accessories. Depending on the application and weight, one damping unit and, depending on the profile system, one set of accessories are required.

Ordering example for 1 x pattern A / Veka Slide 82

Sash weight 195 kg, HS SilentClose in closed position.
(1 L&S sash with damping unit in closed position)

Versions/order numbers		
Piece(s)	Designation	Order no.
1	Accessories for HS SilentClose damping unit 200	K-19463-01-0-6
1	Accessories for HS SilentClose VekaSlide 82	K-19884-00-0-6

Order example 1 x pattern C / Salamander EvolutionDrive 82

Sash weight 280 kg, HS SilentClose in closed position, HS SilentClose in open position. (2 L&S sashes with damper unit in closed and open position respectively)

Versions/order numbers		
Piece(s)	Designation	Order no.
2	Accessories for HS SilentClose damping unit 400	K-19463-00-0-6
2	Accessories for HS StopUnit damping unit 400	K-19955-00-0-1
4	Accessories for SilentClose EvolutionDrive 82	K-19660-00-0-6

HS SilentClose and HS StopUnit damping units

Aluplast HST 85 / Deceuninck HS476 / Gealan S 9000



Aluplast HST 85

Application with patterns A, C, D and F into closed position with installation position on handle side		
Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19493-00-0-1
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Aluplast HST 85 with GU-thermostep 204		0.46763

Deceuninck HS476

Application with patterns A into closed position with installation position on handle side		
Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19885-00-0-6
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Deceuninck HS476		0.48467

Gealan S 9000

Application with patterns A and G3 into closed position with installation position on handle side and/or into open position with installation position on meeting stile side		
Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19886-00-0-6
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Gealan S9000 with GU-thermostep 204		0.46855



Rehau Geneo

Application with patterns A and C into closed position with installation position on handle side
and/or into open position with installation position on meeting stile side

Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19977-00-0-8
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Rehau Geneo with GU-thermostep 204		0.47728

Rehau Synego

Application with patterns A and C into closed position with installation position on handle side
and/or into open position with installation position on meeting stile side

Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19764-00-0-8
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Rehau Synego with GU-thermostep 164		0.45602
Installation drawing Rehau Synego with GU-thermostep 204		0.46629

HS SilentClose and HS StopUnit damping units

Salamander EvolutionDrive 82 / Schüco ThermoSlide 82 / Veka Slide 70



Salamander EvolutionDrive HST

Application with patterns A, C, G1 and K into closed position with installation position on handle side and/or into open position with installation position on meeting stile side		
Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19660-00-0-6
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Salamander evolutionDrive 82 with GU-thermostep 204		0.47710

Schüco ThermoSlide 82

Application with pattern A into closed position with installation position on handle side and/or into open position with installation position on meeting stile side		
Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19960-00-0-6
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Schüco ThermoSlide 82 with GU-thermostep 204		0.46595

Veka Slide 70

Application with patterns A, C, D, E, F and L into closed position with installation position on handle side and/or into open position with installation position on meeting stile side		
Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19883-00-0-6
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Veka Slide 70 with GU-thermostep 164		0.45551

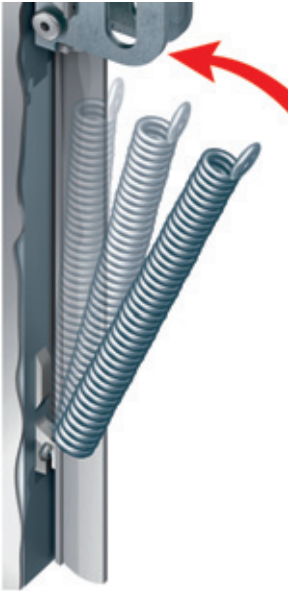


Veka Slide 82

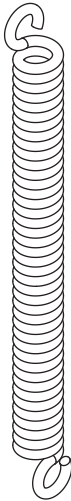
Application with patterns A, C, C2, D, F, K1 and K2 into closed position with installation position on handle side and/or into open position with installation position on meeting stile side

Piece(s)	Designation	Order no.
1	Set of accessories for HS SilentClose / HS StopUnit	K-19884-00-0-6
Designation		Drawing no.
Installation drawing PVC neutral		0.48439
Installation drawing Veka Slide 82 with GU-thermostep 204		0.46594

Tension spring for Lift&Slide gears



Installation drawing 0-46862



Tension spring for Lift&Slide gears

To reduce the operating force of sashes weighing over 200 kg.

Thanks to the use of tension springs in Lift&Slide gears, the operational force at the L&S turn handle is significantly reduced for the user, greatly increasing operating convenience. This makes the Lift&Slide door easy to operate, especially with high sash weights up to 400 kg.

Versions/order numbers			
Designation	SW [kg]	PU	Order no.
Tension spring	from 200	1	9-40235-05-0-0



Installation drawing 0-46862

L&S handle damper for Lift&Slide gears

For even safer operation of sashes weighing more than 100 kg.

The L&S handle damper in Lift&Slide gears ensures controlled lowering of the sliding sash and prevents the L&S turn handle from recoiling. The L&S handle damper can also be retrofitted quickly and easily in every standard gear.

Versions/order numbers

Designation	SW [kg]	PU	Order no.
L&S handle damper	from 100	1	K-19053-00-0-6



Installation drawing 0-46862

Drilling jig for L&S handle damper

Versions/order numbers

Designation	PU	Order no.
Drilling jig for L&S handle damper [1]	1	6-37928-01-0-1

[1] Required for retrofitting on all Lift&Slide gears installed before July 2014.

L&S night vent module – pattern A

with insect screen, RC 2-tested – important notes and ranges of application



Application ranges

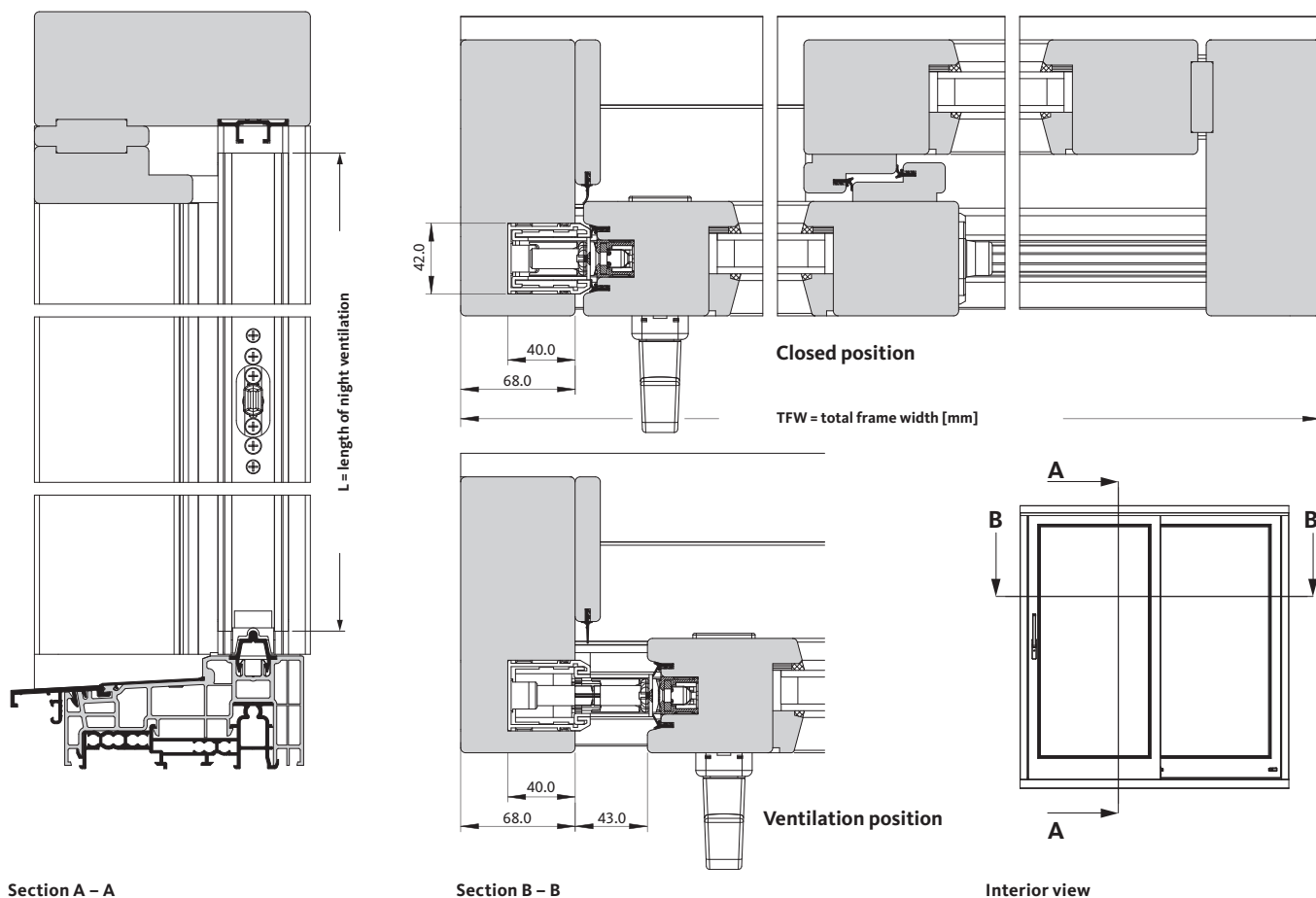
The L&S night vent module, pattern A, is suitable for

- Lift&Slide hardware
 - GU-934
 - GU-934 Tandem
 - GU-937
 - GU-937 Tandem
- Profile systems with sash distance 28 mm
- Frame widths of at least 63 mm
- Using the top guide track
 - P1786
 - P 1850
- using Lift&Slide gears with
 - 37.5 mm backset
 - 27.5 mm backset

Installation drawings

The L&S night vent module is a component of every installation drawing.

You can find the right installation drawing for your profile system in Chapter 1.0 "System overviews"



Section A – A

Section B – B

Interior view

L&S night vent module – pattern A

with insect screen, RC2-tested – order information



Step 1: Order your standard hardware set

Standard hardware sets		
Pattern A	Designation	Order information from page
Hardware set (choose from the following variants):		
1	Standard hardware set: GU-934 Lift&Slide hardware	266
1	Standard hardware set: GU-934 Lift&Slide tandem hardware	266
1	Standard hardware set: GU-937 Lift&Slide hardware	266
1	Standard hardware set: GU-937 Lift&Slide tandem hardware	266
Threshold set		
1	As desired	286
Top guide track set		
1	As desired	

Step 2: In addition to the standard hardware set, order the following components:

L&S turn handle – an L&S turn handle with 90° detent is recommended for the L&S night vent module.

Pattern A	Designation	Finish	PU	Order no.
1	Interior L&S turn handle – 90° detent DIRIGENT with PC-hole [1] [2] ST to 80 mm	EV 1	1	K-13263-00-0-1
		dark brown [3]	1	K-13263-00-0-5
		white	1	K-13263-00-0-7

[1] You can find other L&S turn handle versions in Chapter 5.0 "L&S turn handles and accessories".
 [2] We recommend using a buffer – see page 281.
 [3] Similar to RAL 8022

L&S night ventilation

Pattern A	Designation	SH [mm]	Finish	PU	Order no.
1	L&S night ventilation	1235 – 1865	–	1	K-17705-19-0-1
		1866 – 2365	–	1	K-17705-24-0-1
		2115 – 2765	–	1	K-17705-28-0-1
Optional part:					
1	L&S night vent extension 500 [4]		–	1	K-17946-01-0-1
[4] Also required: gear extension 500 mm (EV 1 = 6-32030-00-0-1 / UC 5 = 6-32030-00-0-5)					

L&S night vent module accessories

Pattern A	When using	Roller track	Finish	PU	Order no.
1	P 1786 guide track	5 mm P 1636	–	1	K-17564-05-0-1
		10 mm P 1659	–	1	K-17564-10-0-1
		15 mm P 1635	–	1	K-17564-15-0-1
1	P 1850 guide track	5 mm P 1636	–	1	K-18062-05-0-1
		10 mm P 1659	–	1	K-18062-10-0-1

Gasket parts / gasket profile

Pattern A	Designation	Length [m.]	Finish	PU	Order no.
1	P 1483 gasket profile [5]	100	–	1	W-751048

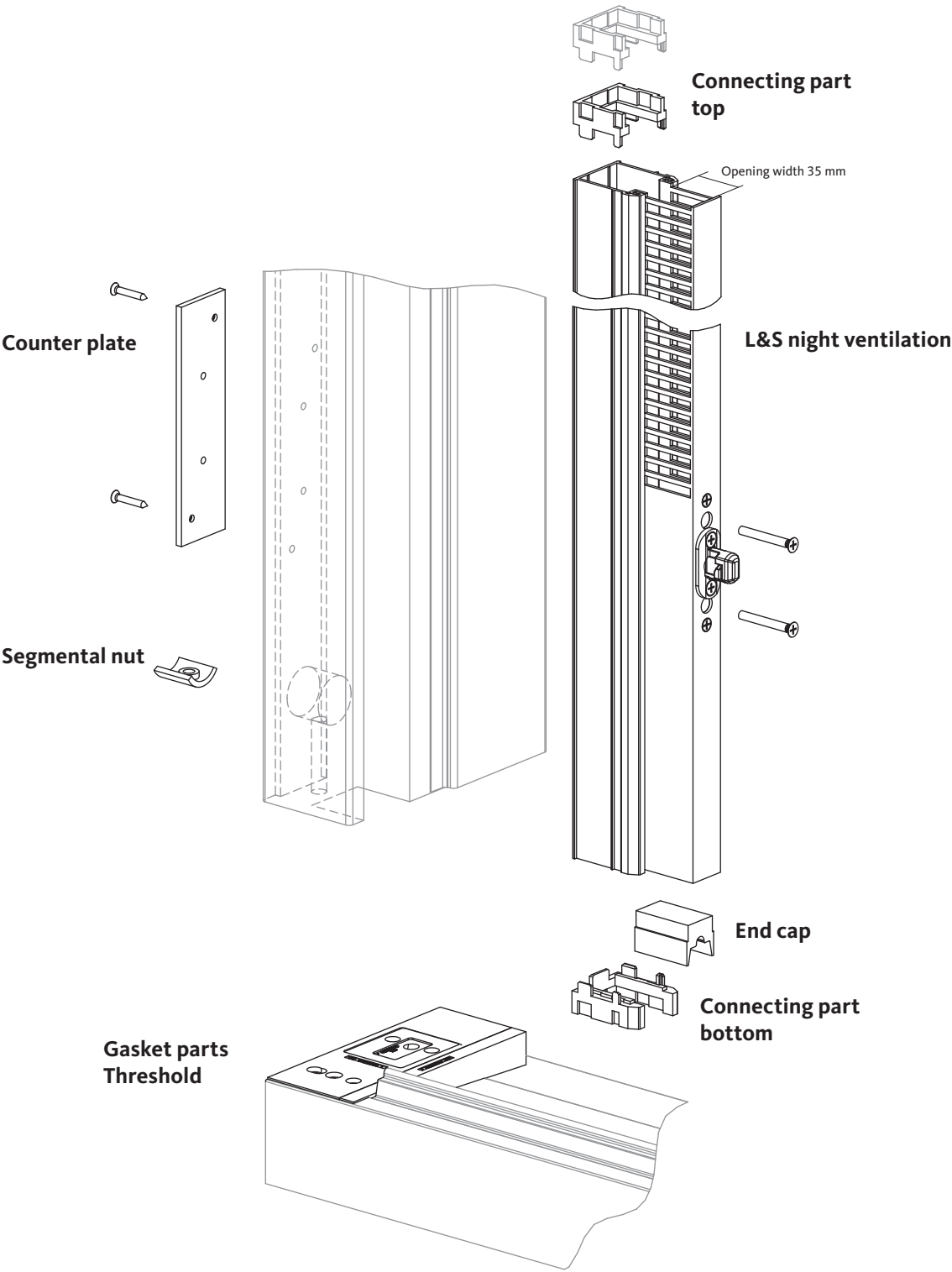
[5] Required length = sash height - 6 mm

L&S night vent module – pattern A

with insect screen, RC 2-tested – individual parts



L&S night vent module individual parts





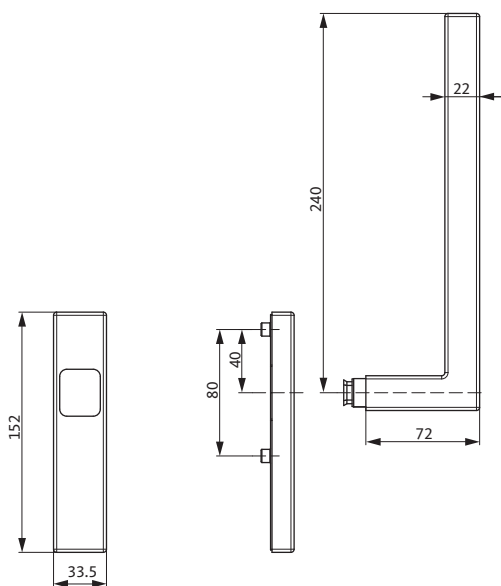
L&S turn handles in special design

Special form



Product information

- High-quality stainless steel turn handle, interior, with dummy backplate
- With 10 mm square spindle and 80 mm distance between screw centres
- L&S flush pull must be ordered separately
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16

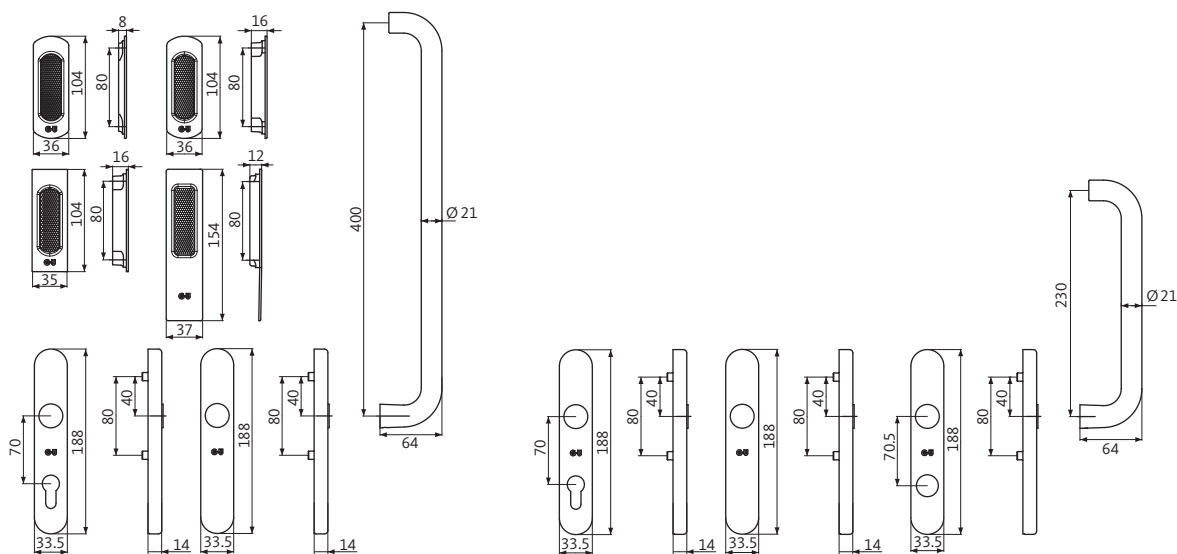


You can find detailed overviews, specifications about dimensions and various versions in the catalogue section 5.0 "L&S turn handles and accessories".



Product information

- High-quality stainless steel turn handles, optionally with
 - Dummy backplate
 - Profile cylinder hole (PC) or
 - Round cylinder hole (Swiss RC)
- With 10 mm square spindle and 80 mm distance between screw centres
- Optionally with exterior handle or exterior L&S flush pull
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



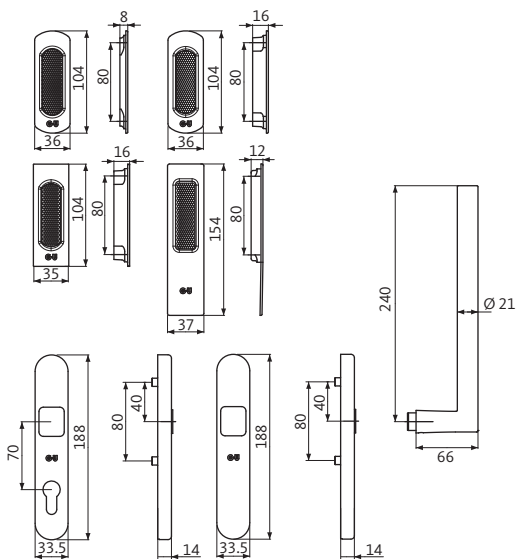
L&S turn handles in special design

BELCANTO series



Product information

- High-quality stainless steel turn handles, optionally with
 - Dummy backplate or
 - Profile cylinder hole (PC)
- With 10 mm square spindle and 80 mm distance between screw centres
- Optionally with exterior handle or exterior L&S flush pull
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



You can find detailed overviews, specifications about dimensions and various versions in the catalogue section 5.0 "L&S turn handles and accessories".

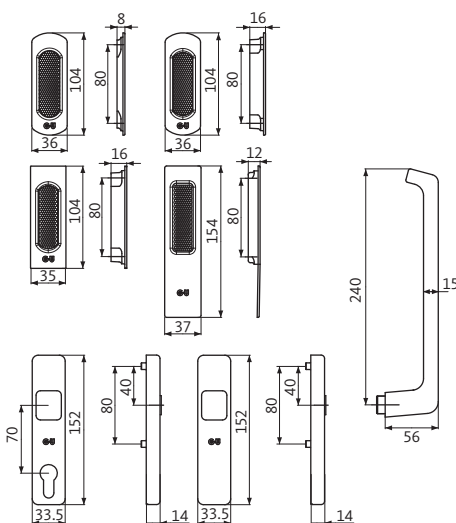
L&S turn handles in special design

DIRIGENT series



Product information

- High-quality stainless steel turn handles, optionally with
 - Dummy backplate or
 - Profile cylinder hole (PC)
- With 10 mm square spindle and 80 mm distance between screw centres
- Optionally with exterior handle or exterior L&S flush pull
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



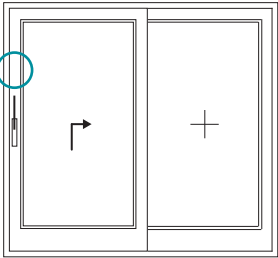
You can find detailed overviews, specifications about dimensions and various versions in the catalogue section 5.0 "L&S turn handles and accessories".

Electronic security

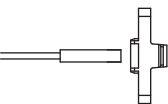
Locking monitoring – pattern A and pattern C



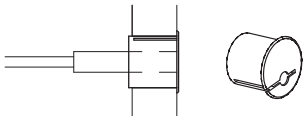
Pattern A



Installation drawing 0-44449
VdS certificate no. G 105012



Locking monitoring set



Locking monitoring with eccentric plug

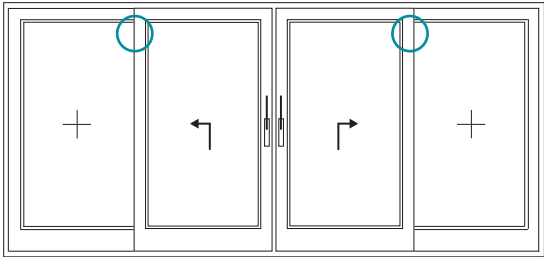
L&S locking monitoring set

Magnetic L&S locking monitoring between door frame and sliding sash

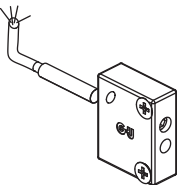
Versions/order numbers

Designation	Cable length [m]	PU	Order no.
L&S locking monitoring set	4.0	1	K-16752-00-0-0
	10.0	1	K-16752-10-0-0
Designation	Finish	PU	Order no.
Eccentric plug	brown	1	6-33079-00-0-5
	white	1	6-33079-00-0-7

Pattern C



Installation drawing 0-44768



L&S locking monitoring set

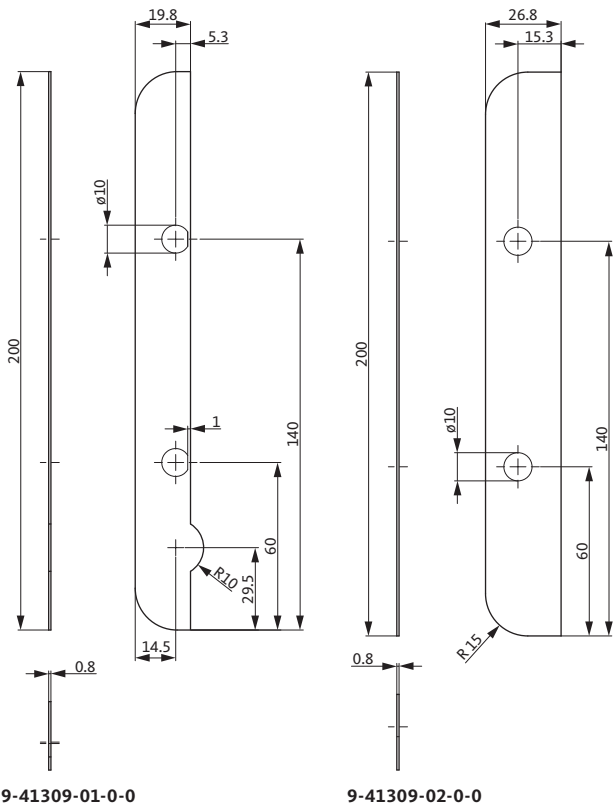
Magnetic L&S locking monitoring between sliding sashes and fixed-glazed sashes

Versions/order numbers

Designation	Cable length [m]	PU	Order no.
L&S locking monitoring set	4.0	1	K-17322-00-0-7
	10.0	1	K-17322-10-0-7



RC2



9-41309-01-0-0

9-41309-02-0-0

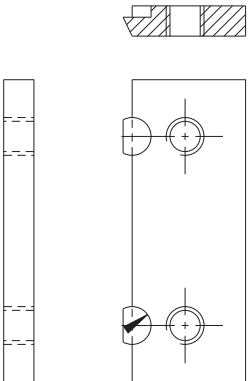
Anti-drill plate for L&S geared turn handles

Accessories for RC 2 versions

Versions/order numbers

Designation	Lift&Slide gear Backset [mm]	PU	Order no.
Anti-drill plate for gear	27.5	1	9-41309-01-0-0
	37.5	1	9-41309-02-0-0

RC2



Counter plate RC2, pattern C

Accessories for RC 2 versions

Versions/order numbers

Designation	PU	Order no.
RC plate, pattern C	1	9-40544-00-0-0

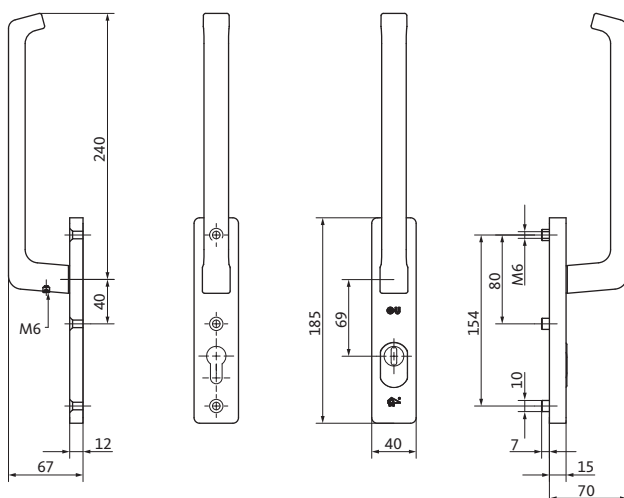
Mechanical security

L&S interior/exterior handle set, with PC hole – DIRIGENT – PZ ZA – SK3



Product information

- High-quality aluminium turn handle, interior and exterior, with PC hole
- Exterior handle with cylinder cover
- The security cylinder protection is suitable for a cylinder projection of 9–12 mm
- With 10 mm square spindle and 80/74 mm distance between screw centres
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Tested according to EN 1906 burglar protection category in the protection classes 2 and 3
- With SKG*** certificate
- Handle length 240 mm
Handle height 74 mm.
- **Note:** We recommend the use of a buffer – see pages 281





L&S turn handles

RC2

RC3

Versions/order numbers

Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle, exterior PZ ZA, SK3	180°	aluminium	with lugs	yes	EV 1	1	H-01230-00-0-1
					white, RAL 9016	1	H-01230-00-0-7
					cream white	1	H-01230-00-0-7V
DIRIGENT L&S turn handle, interior	180°	aluminium	without lugs	yes	EV 1	1	H-01231-00-0-1
					white, RAL 9016	1	H-01231-00-0-7
					cream white	1	H-01231-00-0-7V

Note about square spindle: when using the square spindle for sash thickness up to 90 mm. If the sash thicknesses vary the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers

Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	145	Included in PU for L&S turn handle
	68		
	78		
	88		
	90		
	92	150	9-24377-15-0-1
	110	170	9-24377-18-0-1

Fixing screws

Versions/order numbers

Designation	ST [mm]	Order no.
Set of fixing screws M6 (DIN 7991)	54 – 60	H-01232-01-0-1
	59 – 65	H-01232-02-0-1
	64 – 70	H-01232-03-0-1
	69 – 75	H-01232-04-0-1
	74 – 80	H-01232-05-0-1
	84 – 90	H-01232-06-0-1
	109 – 115	H-01232-07-0-1

Mechanical security

Meeting stile security profiles


RC2


Meeting-stile security profile L&S 10 RC



Meeting-stile security profile L&S 16/22 RC



Meeting-stile security profile L&S 25/29 RC

L&S meeting stile security profile set

Installation drawing 0-44188

Versions/order numbers

Designation	SD [mm]	Length [mm]	Finish	PU	Order no.
Meeting-stile security profile set L&S 10 RC	10	2400	grey	1	K-15797-24-0-1
			black	1	K-15797-24-0-6
			white	1	K-15797-24-0-7
	10	2900	grey	1	K-15797-29-0-1
			black	1	K-15797-29-0-6
			white	1	K-15797-29-0-7
Meeting-stile security profile set L&S 16/22 RC	16 – 22	2400	grey	1	K-15798-24-0-1
			black	1	K-15798-24-0-6
			white	1	K-15798-24-0-7
	16 – 22	2900	grey	1	K-15798-29-0-1
			black	1	K-15798-29-0-6
			white	1	K-15798-29-0-7
Meeting-stile security profile set L&S 25/29 RC	25 – 29	2400	grey	1	K-15799-24-0-1
			black	1	K-15799-24-0-6
			white	1	K-15799-24-0-7
	25 – 29	2900	grey	1	K-15799-29-0-1
			black	1	K-15799-29-0-6
			white	1	K-15799-29-0-7



Extension L&S 10 RC



Extension L&S 16/22 RC



Extension L&S 25/29 RC

L&S extension set

Versions/order numbers

Designation	SD [mm]	Length [mm]	Finish	PU	Order no.
Extension L&S 10 RC set	10	500	grey	1	K-16855-00-0-1
			black	1	K-16855-00-0-6
			white	1	K-16855-00-0-7
Extension set L&S 16/22 RC	16 – 22	500	grey	1	K-16856-00-0-1
			black	1	K-16856-00-0-6
			white	1	K-16856-00-0-7
Extension set L&S 25/29 RC	25 – 29	500	grey	1	K-16857-00-0-1
			black	1	K-16857-00-0-6
			white	1	K-16857-00-0-7

Accessories for meeting stile security profile

Versions/order numbers

Designation	Dimensions [mm]	Requirements per meeting stile security profile set	PU	Order no.
Spax screw	5 x 50	24	1	H-00112-50-0-1
Spax screw	5 x 60	24	1	H-00112-60-0-1
Spax screw	3.5 x 35	1	1	H-00109-35-0-1



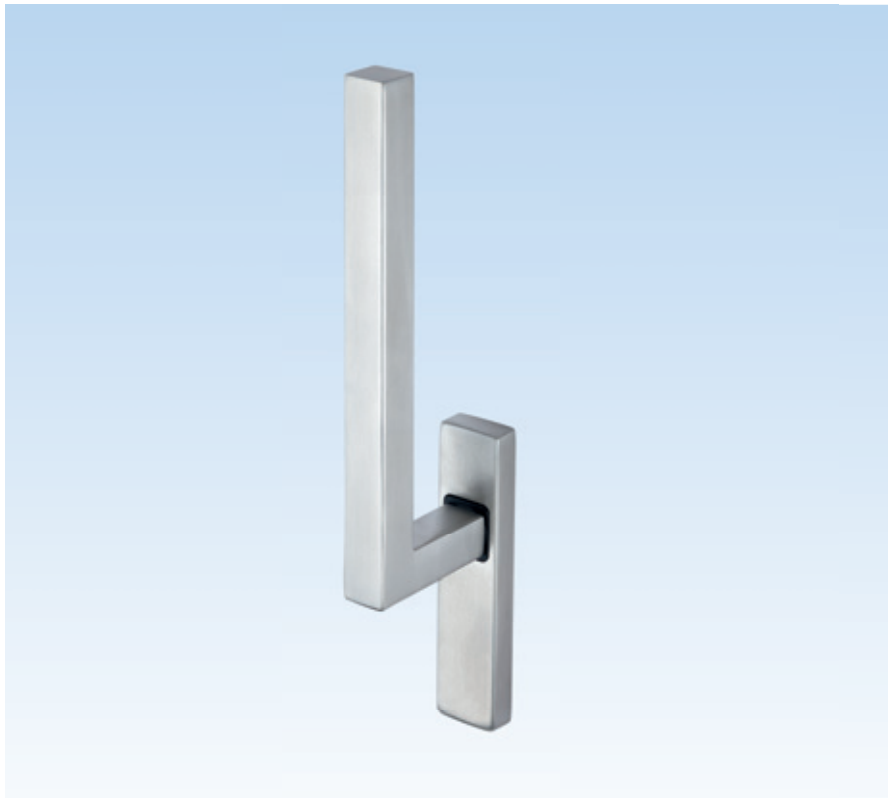


5.0 L&S turn handles and accessories

L&S turn handle – Special form	396
RONDO series	399
BELCANTO series	419
DIRIGENT series	431
Accessories	460

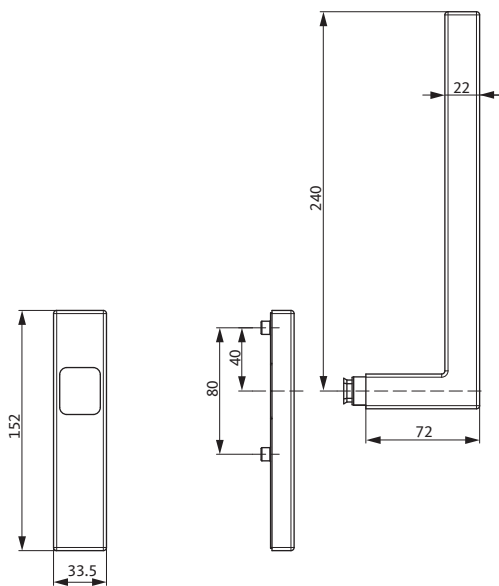
Special form, square – interior L&S turn handle, without PC hole

without L&S flush pull



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm
- The cover rosette cannot subsequently be exchanged



Special form, square – interior L&S turn handle, without PC hole

without L&S flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
Special form, square – L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no	1	K-18684-00-0-8

Contents	Piece(s)
Special form, square – interior L&S turn handle, without PC hole	1
Square spindle (suitable for ST 88 to 92 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	9-24377-40-0-1
	68	80	9-24377-40-0-1
	78	80	9-24377-40-0-1
	88	90	Included in PU for turn handle
	90	90	
	92	90	
	110	100	9-24377-60-0-1

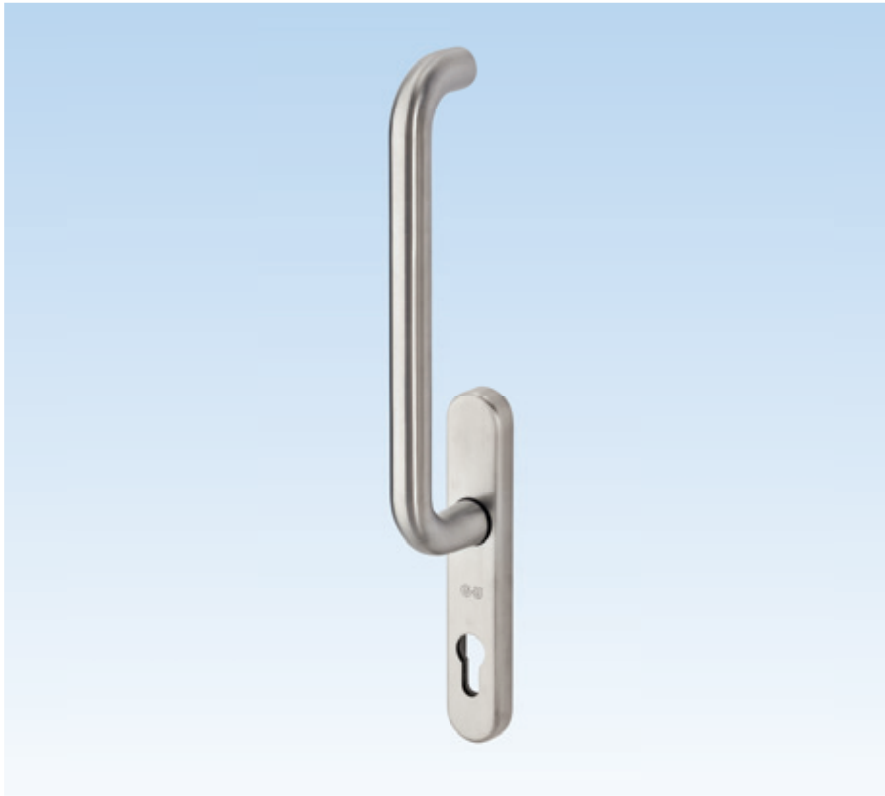
Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

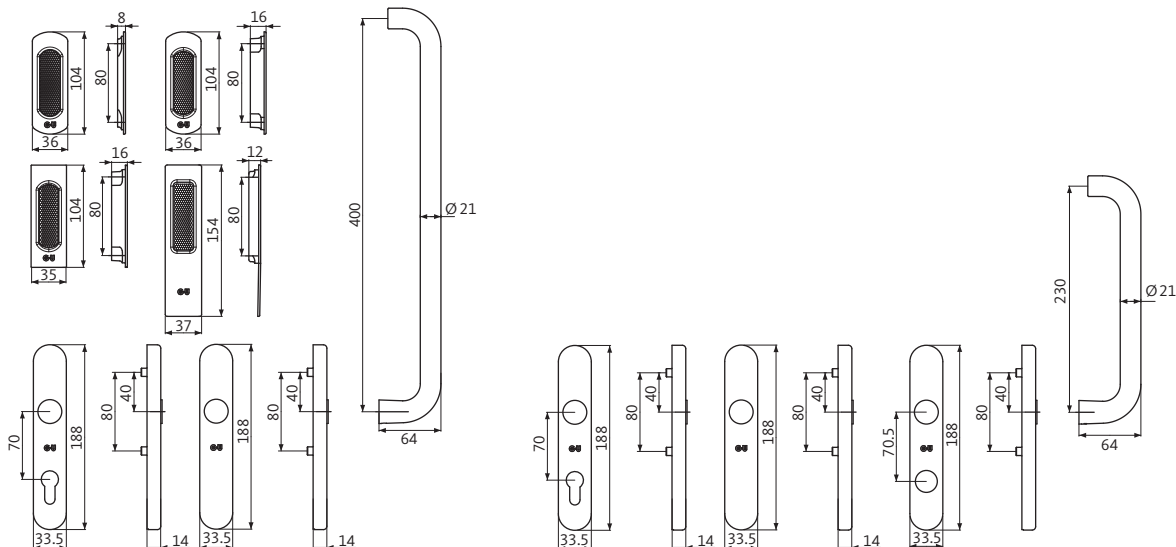
Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1





Product information

- High-quality stainless steel turn handles, optionally with
 - Dummy backplate
 - Profile cylinder hole (PC) or
 - Round cylinder hole (Swiss RC)
- With 10 mm square spindle and 80 mm distance between screw centres
- Optionally with exterior handle or exterior flush pull
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



Some products in this series are suitable for



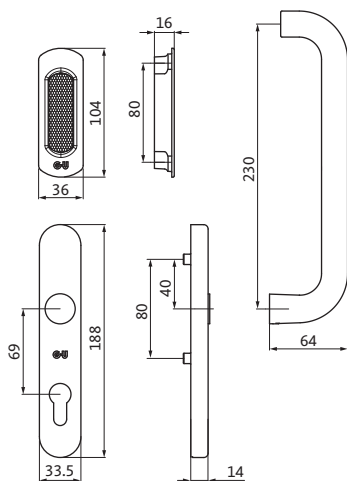
RONDO – interior L&S turn handle with PC hole

with L&S exterior flush pull



Product information

- High-quality stainless steel turn handle, interior, with PC-hole
- Exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm



RONDO – interior L&S turn handle with PC hole

with L&S exterior flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes	1	K-16797-00-0-8
	90°	stainless steel	with lugs	yes	1	K-16863-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle, with PC hole	1
L&S flush pull	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

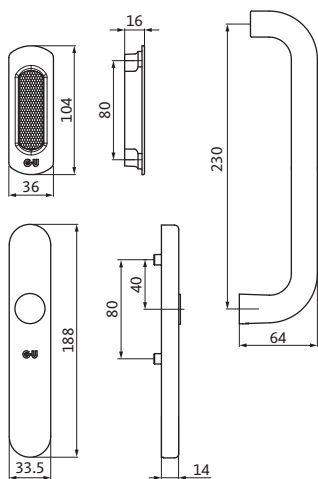
RONDO – interior L&S turn handle without PC hole

with L&S exterior flush pull



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- Exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm



RONDO – interior L&S turn handle without PC hole

with L&S exterior flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no	1	K-16796-00-0-8
	90°	stainless steel	with lugs	no	1	K-16862-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle, without PC hole	1
L&S flush pull	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

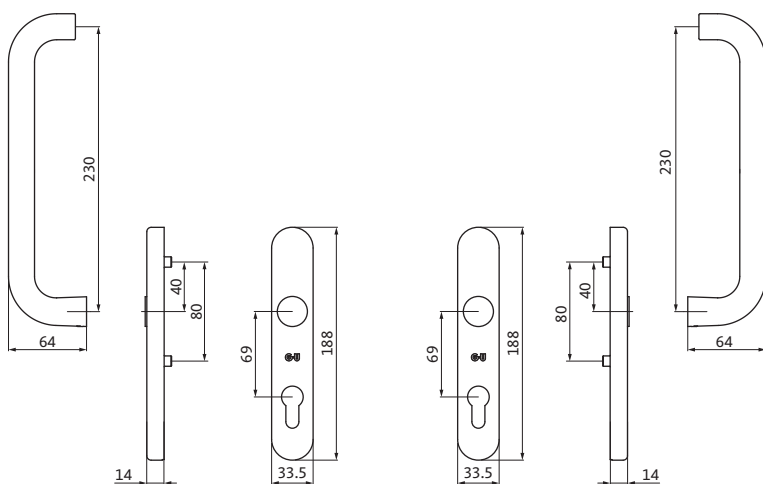
Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

RONDO – L&S interior/exterior handle set, with PC hole



Product information

- High-quality stainless steel turn handles, interior and exterior, with PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm
- **Note:** We recommend the use of a buffer – see page 281



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle interior/exterior, with PC hole	180°	stainless steel	with lugs	yes	1	K-16798-00-0-8
	90°	stainless steel	with lugs	yes	1	K-16864-00-0-8

Contents	Piece(s)
RONDO interior/exterior L&S turn handle, with PC hole	1
Fixing screws M6 x 100 mm	2
Square spindle (suitable for ST up to 90 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately in the event of deviating sash thicknesses.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	145	Included in PU for turn handle
	68		
	78		
	88		
	90		
	92	150	9-24377-15-0-1
	110	170	9-24377-18-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	70	9-13274-70-0-1
	68	80	9-13274-80-0-1
	78	90	9-13274-90-0-1
	88	100	Included in PU for turn handle
	90		
	92		
	110	125	9-13274-96-R-1

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

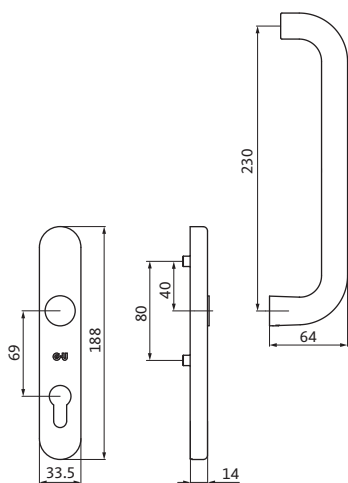
RONDO – interior L&S turn handle with PC hole

without L&S flush pull



Product information

- High-quality stainless steel turn handle, interior, with PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm



RONDO – interior L&S turn handle with PC hole

without L&S flush pull



L&S turn handles

Versions/order numbers

Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes	1	K-16808-00-0-8
	90°	stainless steel	with lugs	yes	1	K-16866-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle, with PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers

Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers

Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

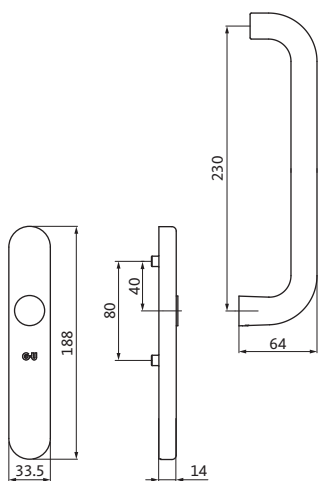
RONDO – interior L&S turn handle without PC hole

without L&S flush pull



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm



RONDO – interior L&S turn handle without PC hole

without L&S flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no	1	K-16807-00-0-8
	90°	stainless steel	with lugs	no	1	K-16868-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle, without PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

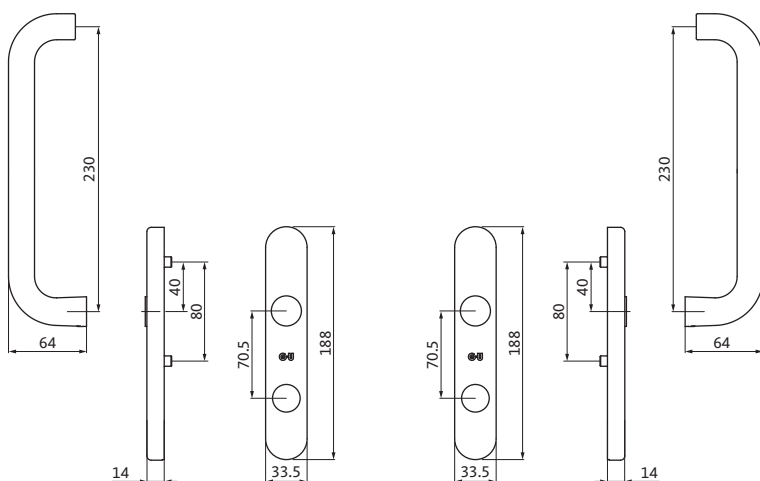
Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

RONDO – L&S interior/exterior handle set, with Swiss RC hole



Product information

- High-quality stainless steel turn handles, interior and exterior, with 22 mm Swiss RC hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm
- **Note:** We recommend the use of a buffer – see page 281



RONDO – L&S interior/exterior handle set, with Swiss RC hole



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle interior/exterior, with Swiss RC hole	180°	stainless steel	with lugs	yes	1	K-16908-00-0-8

Contents	Piece(s)
RONDO interior/exterior L&S turn handle with Swiss RC hole	1
Fixing screws M6 x 100 mm	2
Square spindle (suitable for ST up to 90 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately in the event of deviating sash thicknesses.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	145	Included in PU for turn handle
	68		
	78		
	88		
	90		
	92	150	9-24377-15-0-1
	110	170	9-24377-18-0-1

Fixing screws

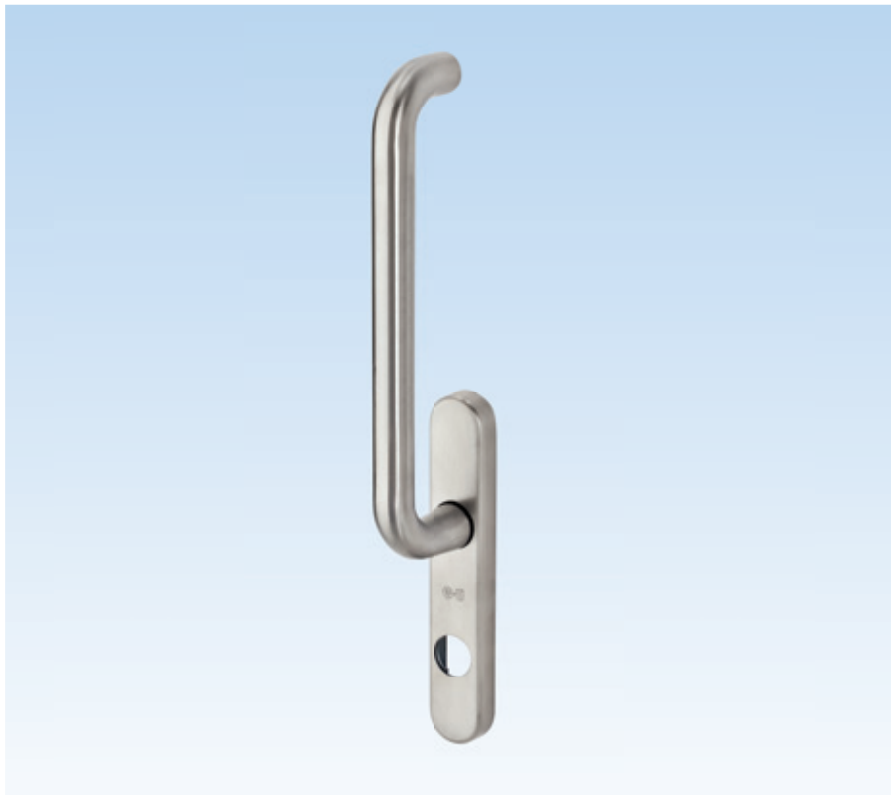
Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	70	9-13274-70-0-1
	68	80	9-13274-80-0-1
	78	90	9-13274-90-0-1
	88	100	Included in PU for turn handle
	90		
	92		
	110	125	9-13274-96-R-1

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

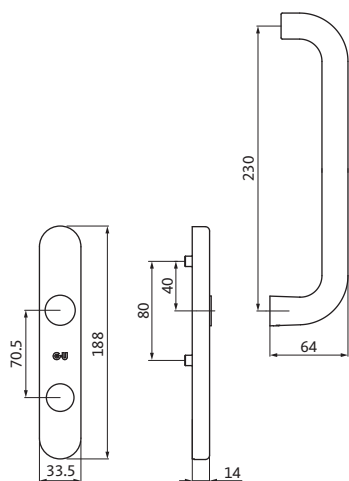
RONDO – interior turn handle with Swiss RC hole

without L&S flush pull



Product information

- High-quality stainless steel turn handle, interior, with 22 mm Swiss RC hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 78 mm



RONDO – interior L&S turn handle with Swiss RC hole

without L&S flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle interior, with Swiss RC hole	180°	stainless steel	with lugs	yes	1	K-17624-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle with Swiss RC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

RONDO – interior L&S turn handle with PC hole

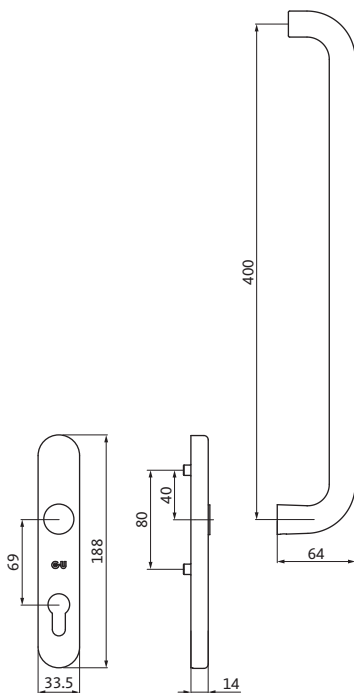
extended handle



Product information

- High-quality stainless steel turn handle, interior, with PC-hole
- Special length 400 mm
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 400 mm
- Handle height 78 mm

This product is suitable for use in accordance with



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes	1	K-17232-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle, with PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

RONDO – interior L&S turn handle without PC hole

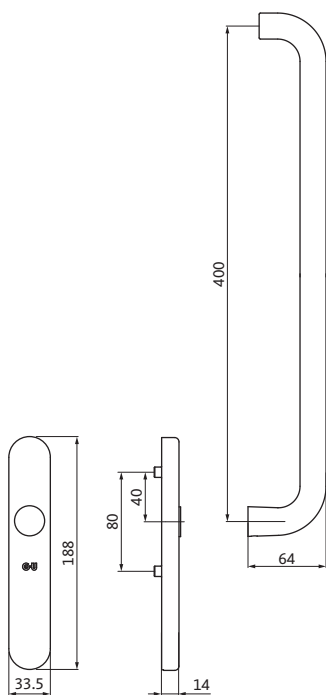
extended handle



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- Special length 400 mm
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 400 mm
- Handle height 78 mm

This product is suitable for use in accordance with



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
RONDO L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no	1	K-17231-00-0-8

Contents	Piece(s)
RONDO interior L&S turn handle, without PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

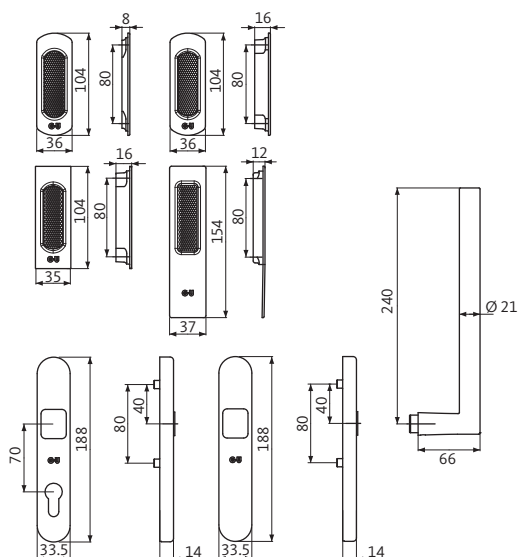
Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1





Product information

- High-quality stainless steel turn handles, optionally with
 - Dummy backplate
 - Profile cylinder hole (PC)
- With 10 mm square spindle and 80 mm distance between screw centres
- Optionally with exterior handle or exterior flush pull
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



Some products in this series are suitable for



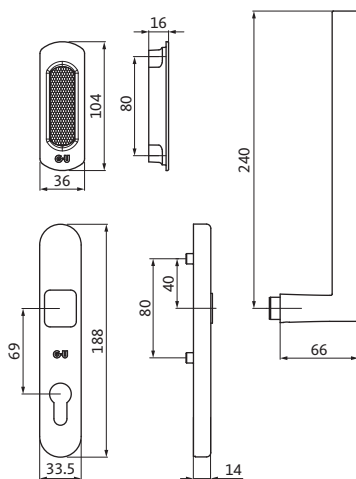
BELCANTO – interior L&S turn handle, with PC hole

with L&S exterior flush pull



Product information

- High-quality stainless steel turn handle, interior, with PC-hole
- Exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 80 mm



BELCANTO – interior L&S turn handle, with PC hole

with L&S exterior flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
BELCANTO L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes	1	K-17016-00-0-8
	90°	stainless steel	with lugs	yes	1	K-17021-00-0-8

Contents	Piece(s)
BELCANTO interior L&S turn handle, with PC-hole	1
L&S flush pull	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

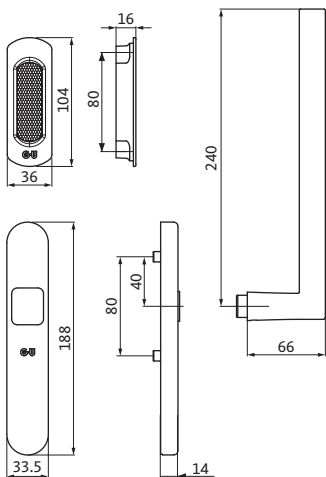
BELCANTO – interior L&S turn handle, without PC hole

with L&S exterior flush pull



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- Exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 80 mm



BELCANTO – interior L&S turn handle, without PC hole

with L&S exterior flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
BELCANTO L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no	1	K-17015-00-0-8
	90°	stainless steel	with lugs	no	1	K-17020-00-0-8

Contents	Piece(s)
BELCANTO interior L&S turn handle, without PC hole	1
L&S flush pull	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

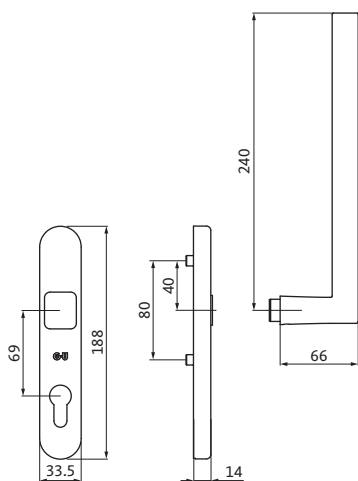
BELCANTO – interior L&S turn handle, with PC hole

without L&S flush pull



Product information

- High-quality stainless steel turn handle, interior, with PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 80 mm



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
BELCANTO L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes	1	K-17014-00-0-8
	90°	stainless steel	with lugs	yes	1	K-17019-00-0-8

Contents	Piece(s)
BELCANTO interior L&S turn handle, with PC-hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	6-27272-01-0-1

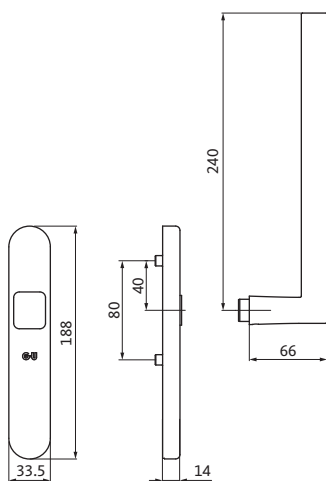
BELCANTO – interior L&S turn handle, without PC hole

without L&S flush pull



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 80 mm



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
BELCANTO L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	yes	1	K-17013-00-0-8
	90°	stainless steel	with lugs	yes	1	K-17018-00-0-8

Contents	Piece(s)
BELCANTO interior L&S turn handle, without PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

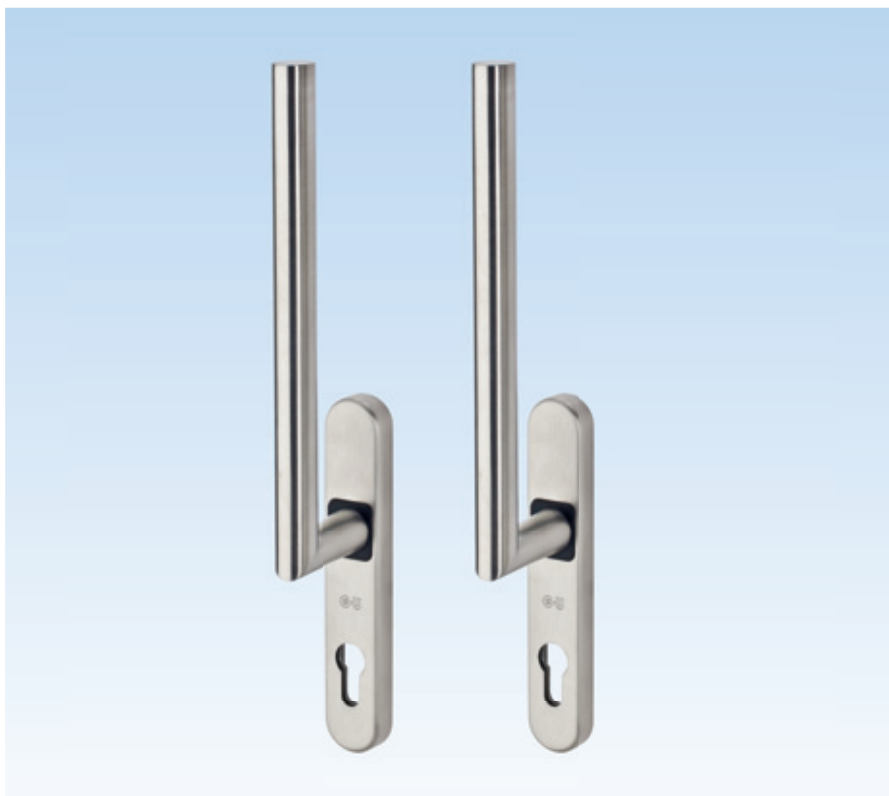
Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

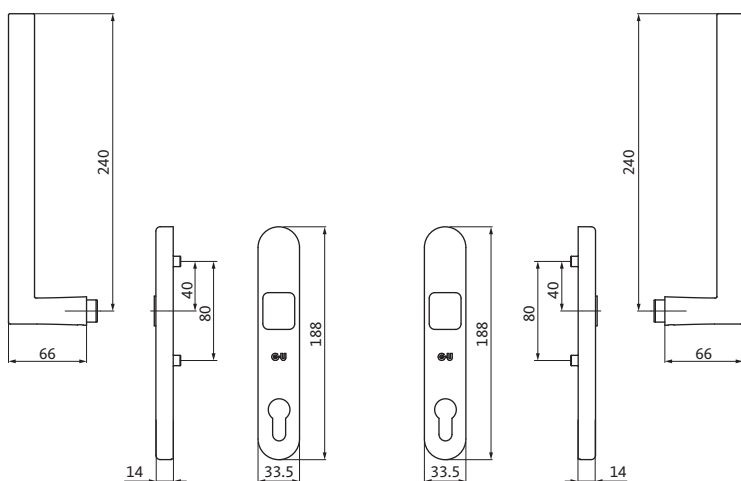
Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	6-27272-01-0-1

BELCANTO – L&S interior/exterior handle set, with PC hole



Product information

- High-quality stainless steel turn handles, interior and exterior, with PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 80 mm
- **Note:** We recommend the use of a buffer – see page 281



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
BELCANTO L&S turn handle interior/exterior, with PC hole	180°	stainless steel	with lugs	yes	1	K-17017-00-0-8
	90°	stainless steel	with lugs	yes	1	K-17022-00-0-8

Contents	Piece(s)
BELCANTO interior/exterior L&S turn handle, with PC hole	1
Fixing screws M6 x 100 mm	2
Square spindle (suitable for ST up to 90 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately in the event of deviating sash thicknesses.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	145	Included in PU for turn handle
	68		
	78		
	88		
	90		
	92	150	9-24377-15-0-1
	110	170	9-24377-18-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	70	9-13274-70-0-1
	68	80	9-13274-80-0-1
	78	90	9-13274-90-0-1
	88	100	Included in PU for turn handle
	90		
	92		
	110	125	9-13274-96-R-1

Drilling jigs

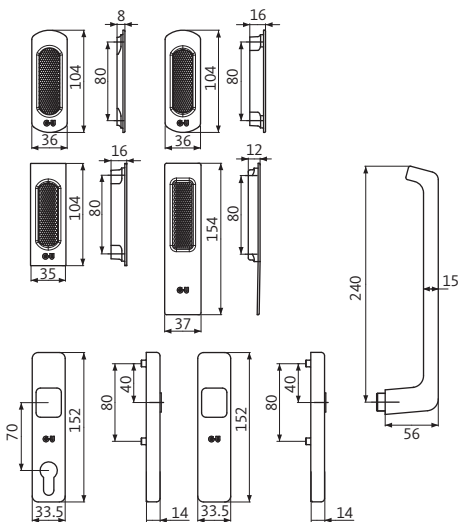
Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1





Product information

- High-quality stainless steel turn handles, optionally with
 - Dummy backplate
 - Profile cylinder hole (PC)
- With 10 mm square spindle and 80 mm distance between screw centres
- Optionally with exterior handle or exterior flush pull
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16

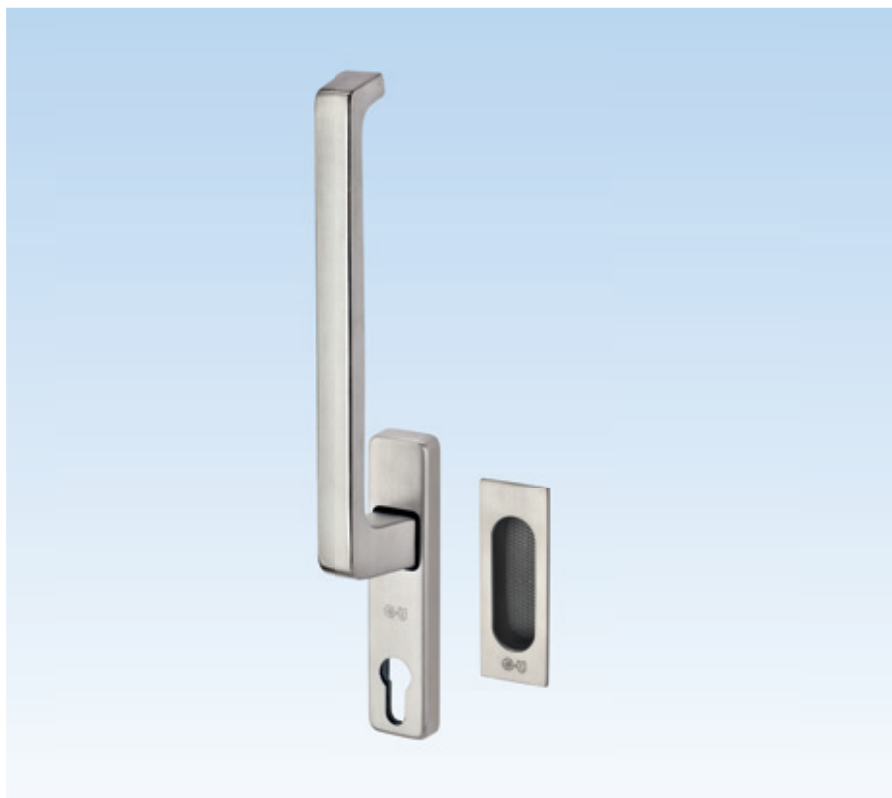


Some products in this series are suitable for



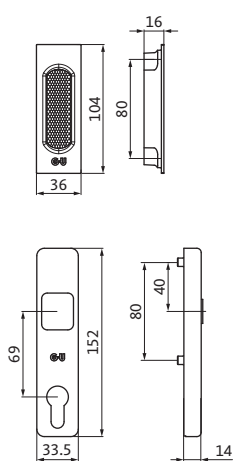
DIRIGENT – interior L&S turn handle, with PC hole

with L&S exterior flush pull



Product information

- High-quality stainless steel turn handle, interior, with PC-hole
- Exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 70 mm



DIRIGENT – interior L&S turn handle, with PC hole

with L&S exterior flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
DIRIGENT L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes	1	K-16794-00-0-8
	90°	stainless steel	with lugs	yes	1	K-16860-00-0-8

Contents	Piece(s)
DIRIGENT interior L&S turn handle, with PC hole	1
L&S flush pull	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

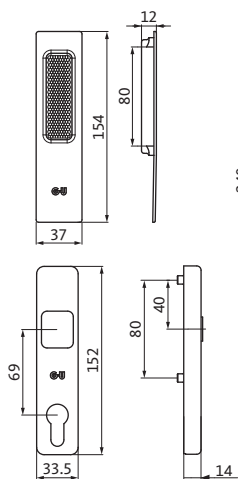
DIRIGENT – interior L&S turn handle, with PC hole

with extended exterior L&S flush pull



Product information

- High-quality aluminium turn handle, interior, with PC-hole
- Extended exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 70 mm



DIRIGENT – interior L&S turn handle, with PC hole

with extended exterior L&S flush pull



L&S turn handles

Versions/order numbers							
Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle inside, with PC-hole	180°	aluminium	with lugs	yes	silver/EV 1 look	1	K-13266-00-0-1
					dark brown [1]	1	K-13266-00-0-5
					white, RAL 9016	1	K-13266-00-0-7
	90°	aluminium	with lugs	yes	silver/EV 1 look	1	K-13263-00-0-1
					dark brown [1]	1	K-13263-00-0-5
					white, RAL 9016	1	K-13263-00-0-7

[1] Similar to RAL 8022

Contents	Piece(s)
DIRIGENT interior L&S turn handle, with PC hole	1
L&S flush pull, extended	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

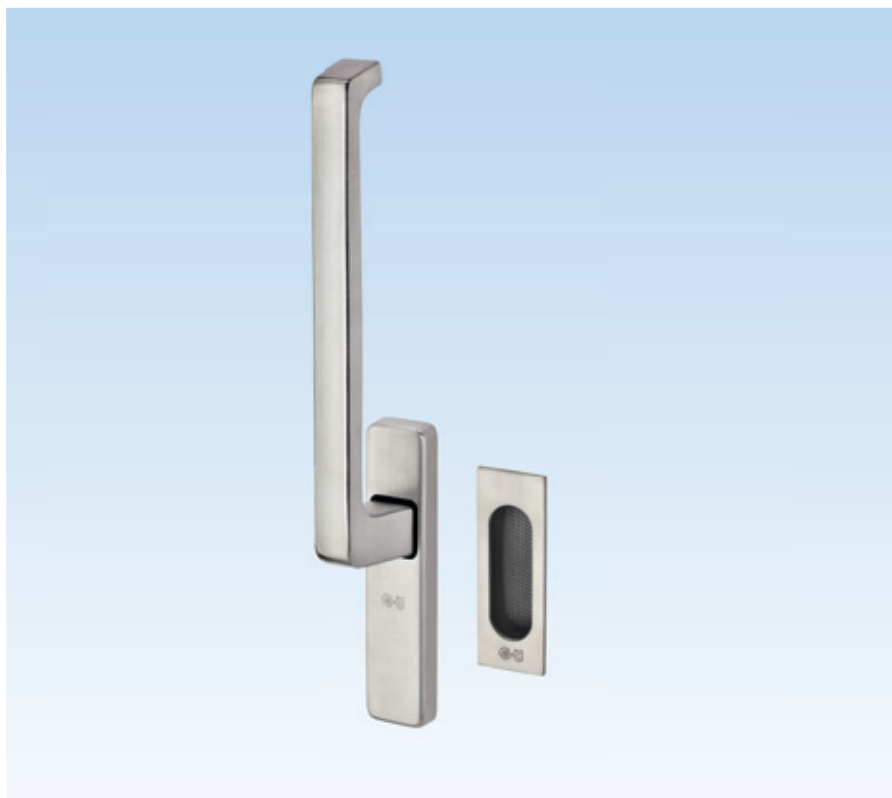
Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

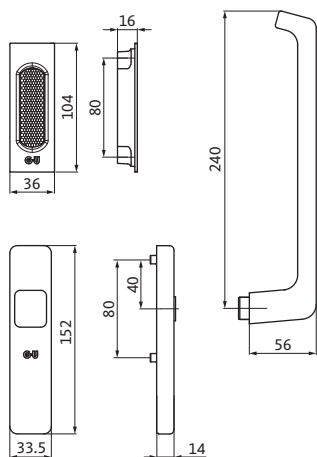
DIRIGENT – interior L&S turn handle, without PC hole

with L&S exterior flush pull



Product information

- High-quality stainless steel turn handle, interior, without PC-hole
- Exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 70 mm



DIRIGENT – interior L&S turn handle, without PC hole

with L&S exterior flush pull



L&S turn handles

Versions/order numbers						
Designation	Detent	Material	Version	Lockable	PU	Order no.
DIRIGENT L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no	1	K-16793-00-0-8
	90°	stainless steel	with lugs	no	1	K-16859-00-0-8

Contents	Piece(s)
DIRIGENT interior L&S turn handle, without PC hole	1
L&S flush pull	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

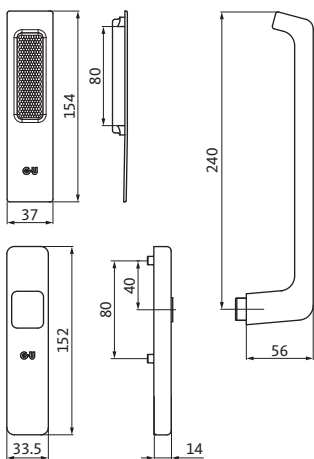
DIRIGENT – interior L&S turn handle, without PC hole

with extended exterior L&S flush pull



Product information

- High-quality aluminium turn handle, interior, without PC-hole
- Extended exterior flush pull
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber and PVC Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thickness up to 56 mm, fixed square spindle
- Suitable for sash thickness from 68 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 70 mm



DIRIGENT – interior L&S turn handle, without PC hole

with extended exterior L&S flush pull



L&S turn handles

Versions/order numbers								
Designation	Detent	ST [mm]	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle inside, without PC-hole	180°	up to 56 [1]	aluminium	with lugs	no	silver/EV 1 look	1	K-13265-00-0-1
						dark brown [3]	1	K-13265-00-0-5
						white, RAL 9016	1	K-13265-00-0-7
	180°	up to 78 [2]	aluminium	with lugs	no	silver/EV 1 look	1	K-13785-00-0-1
						dark brown [3]	1	K-13785-00-0-5
						white, RAL 9016	1	K-13785-00-0-7
	90°	up to 56 [1]	aluminium	with lugs	no	silver/EV 1 look	1	K-13262-00-0-1
						dark brown [3]	1	K-13262-00-0-5
						white, RAL 9016	1	K-13262-00-0-7
	90°	up to 78 [2]	aluminium	with lugs	no	silver/EV 1 look	1	K-13787-00-0-1
						dark brown [3]	1	K-13787-00-0-5
						white, RAL 9016	1	K-13787-00-0-7

[1] Square spindle, fixed
 [2] Square spindle, adjustable
 [3] Similar to RAL 8022

Contents (with ST up to 56 mm)	Piece(s)
DIRIGENT interior L&S turn handle, without PC hole	1
L&S flush pull, extended	1
Square spindle (suitable for ST up to 56 mm)	1

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Contents (with ST up to 78 mm)	Piece(s)
DIRIGENT interior L&S turn handle, without PC hole	1
L&S flush pull, extended	1
Square spindle (suitable for ST 68 to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

DIRIGENT – interior L&S turn handle, without PC hole

with extended exterior L&S flush pull



Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	65	9-13274-65-0-1
	68	75	9-13274-75-0-1
	78	85	9-13274-85-0-1
	88	95	9-13274-95-R-1
	90	95	9-13274-95-R-1
	92	100	9-13274-97-R-3
	110	110	9-13274-98-R-3

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1

DIRIGENT – L&S interior/exterior handle set, with PC hole



L&S turn handles – aluminium

Versions/order numbers

Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle interior/exterior, with PC hole, with fixing screws	180°	aluminium	with lugs	yes	silver/EV 1 look	1	K-13267-00-0-1
					dark brown [1]	1	K-13267-00-0-5
					white, RAL 9016	1	K-13267-00-0-7
	90°	aluminium	with lugs	yes	silver/EV 1 look	1	K-13264-00-0-1
					dark brown [1]	1	K-13264-00-0-5
					white, RAL 9016	1	K-13264-00-0-7
For aluminium profiles only							
DIRIGENT L&S turn handle interior/exterior, with PC hole, without fixing screws	180°	aluminium	without lugs	yes	silver/EV 1 look	1	6-24615-96-0-1
					dark brown [1]	1	6-24615-96-0-5
					white, RAL 9016	1	6-24615-96-0-7
	90°	aluminium	without lugs	yes	silver/EV 1 look	1	6-24616-96-0-1
					dark brown [1]	1	6-24616-96-0-5
					white, RAL 9016	1	6-24616-96-0-7

[1] Similar to RAL 8022

L&S turn handles – stainless steel

Versions/order numbers

Designation	Detent	Material	Version	Lockable		PU	Order no.
DIRIGENT L&S turn handle interior/exterior, with PC hole, with fixing screws	180°	stainless steel	with lugs	yes		1	K-16795-00-0-8
	90°	stainless steel	with lugs	yes		1	K-16861-00-0-8

L&S turn handles – brass

Versions/order numbers

Designation	Detent	Material	Version	Lockable		PU	Order no.
DIRIGENT L&S turn handle interior/exterior, with PC hole, without fixing screws	180°	polished brass	with lugs	yes		1	6-26731-00-0-B
	90°	polished brass	with lugs	yes		1	6-26732-00-0-B

Contents: set, DIRIGENT turn handle: aluminium, stainless steel or brass

Contents	Piece(s)
DIRIGENT interior/exterior L&S turn handle set, with PC hole	1
Fixing screws M6 x 100 mm	2
Square spindle (suitable for ST up to 90 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately in the event of deviating sash thicknesses.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	145	Included in PU for turn handle
	68		
	78		
	88		
	90		
	92	150	9-24377-15-0-1
	110	170	9-24377-18-0-1

Fixing screws

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	70	9-13274-70-0-1
	68	80	9-13274-80-0-1
	78	90	9-13274-90-0-1
	88	100	9-13274-97-R-3 *
	90	100	9-13274-97-R-3 *
	92	100	9-13274-97-R-3 *
	110	125	9-13274-96-R-1
* Order only with version without lugs			

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

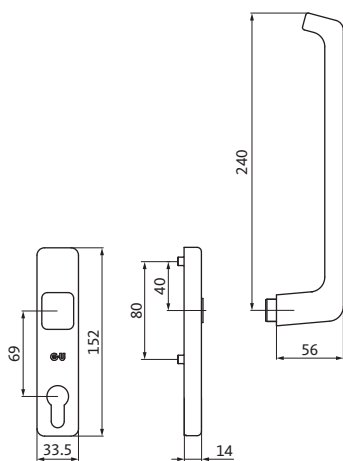
DIRIGENT – interior L&S turn handle, with PC hole

without L&S flush pull



Product information

- High-quality aluminium, stainless steel or brass turn handle, interior, with PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 70 mm



DIRIGENT – interior L&S turn handle, with PC hole

without L&S flush pull



L&S turn handles – aluminium

Versions/order numbers							
Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
For aluminium profiles only							
DIRIGENT L&S turn handle inside, with PC-hole	180°	aluminium	with lugs	yes	silver/EV 1 look	1	6-24607-00-0-1
					dark brown [1]	1	6-24607-00-0-5
					white, RAL 9016	1	6-24607-00-0-7
	180°	aluminium	without lugs	yes	silver/EV 1 look	1	6-24609-00-0-1
					dark brown [1]	1	6-24609-00-0-5
					white, RAL 9016	1	6-24609-00-0-7
	90°	aluminium	without lugs	yes	silver/EV 1 look	1	6-24614-00-0-1
					dark brown [1]	1	6-24614-00-0-5
					white, RAL 9016	1	6-24614-00-0-7

[1] Similar to RAL 8022

L&S turn handles – stainless steel

Versions/order numbers							
Designation	Detent	Material	Version	Lockable		PU	Order no.
DIRIGENT L&S turn handle inside, with PC-hole	180°	stainless steel	with lugs	yes		1	K-16805-00-0-8
	90°	stainless steel	with lugs	yes		1	K-16865-00-0-8

L&S turn handles – brass

Versions/order numbers							
Designation	Detent	Material	Version	Lockable		PU	Order no.
DIRIGENT L&S turn handle inside, with PC-hole	180°	polished brass	with lugs	yes		1	6-26728-02-0-B
	90°	polished brass	with lugs	yes		1	6-26729-02-0-B

Contains: DIRIGENT L&S turn handle: aluminium, stainless steel or brass

Contents	Piece(s)
DIRIGENT interior L&S turn handle, with PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

DIRIGENT – interior L&S turn handle, with PC hole

without L&S flush pull



Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

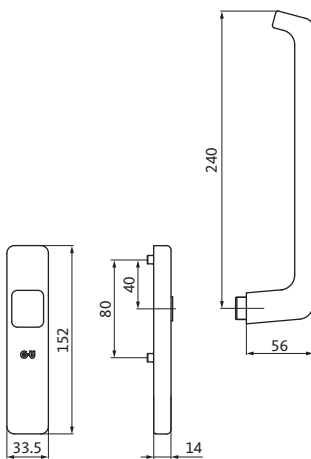
DIRIGENT – interior L&S turn handle, without PC hole

without L&S flush pull



Product information

- High-quality aluminium, stainless steel or brass turn handle, interior, without PC-hole
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 70 mm



DIRIGENT – interior L&S turn handle, without PC hole

without L&S flush pull



L&S turn handles – aluminium

Versions/order numbers							
Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle inside, without PC-hole	180°	aluminium	with lugs	no	silver/EV 1 look	1	6-24606-00-0-1 [2]
					dark brown [1]	1	6-24606-00-0-5 [2]
					white, RAL 9016	1	6-24606-00-0-7 [2]
	180°	aluminium	without lugs	no	silver/EV 1 look	1	6-24608-00-0-1
					dark brown [1]	1	6-24608-00-0-5
					white, RAL 9016	1	6-24608-00-0-7
	90°	aluminium	without lugs	no	silver/EV 1 look	1	6-24613-00-0-1
					dark brown [1]	1	6-24613-00-0-5
					white, RAL 9016	1	6-24613-00-0-7
[1] Similar to RAL 8022 [2] ST up to 78 mm, square spindle not adjustable							

L&S turn handles – stainless steel

Versions/order numbers							
Designation	Detent	Material	Version	Lockable		PU	Order no.
DIRIGENT L&S turn handle inside, without PC-hole	180°	stainless steel	with lugs	no		1	K-16804-00-0-8

L&S turn handles – brass

Versions/order numbers							
Designation	Detent	Material	Version	Lockable		PU	Order no.
DIRIGENT L&S turn handle inside, without PC-hole	180°	polished brass	with lugs	no		1	6-26728-01-0-B
	90°	polished brass	with lugs	no		1	6-26729-01-0-B

Contains: DIRIGENT L&S turn handle: aluminium, stainless steel or brass

Contents	Piece(s)
DIRIGENT interior L&S turn handle, without PC hole	1
Square spindle (suitable for ST up to 80 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	Included in PU for turn handle
	68		
	78		
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	9-24377-60-0-1

Fixing screws

When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	6-27272-01-0-1

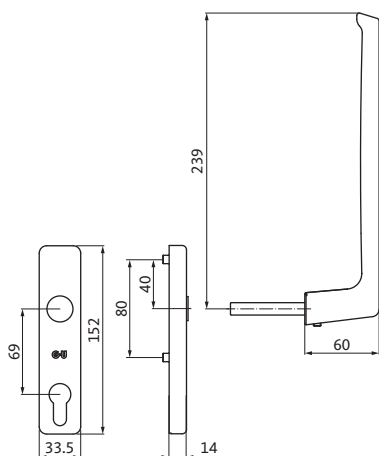
DIRIGENT – interior L&S turn handle, with PC hole

without L&S flush pull, removable



Product information

- High-quality aluminium turn handle, interior, with PC-hole
- Removable, suitable for customer's own coating
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 74 mm



DIRIGENT – interior L&S turn handle, with PC hole

without L&S flush pull, removable



L&S turn handles

Versions/order numbers							
Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle inside, with PC-hole	180°	aluminium	with lugs	yes	silver/EV 1 look	1	K-17397-00-0-1
					dark brown [1]	1	K-17397-00-0-5
					white, RAL 9016	1	K-17397-00-0-7
	For aluminium profiles only						
	180°	aluminium	without lugs	yes	silver/EV 1 look	1	K-17399-00-0-1
					dark brown [1]	1	K-17399-00-0-5
					white, RAL 9016	1	K-17399-00-0-7
[1] Similar to RAL 8022							

Contents	Piece(s)
DIRIGENT interior L&S turn handle, with PC hole	1
Square spindle (suitable for ST 110 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	9-24377-40-0-1
	68	80	9-24377-40-0-1
	78	80	9-24377-40-0-1
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	Included in PU for turn handle

Fixing screws

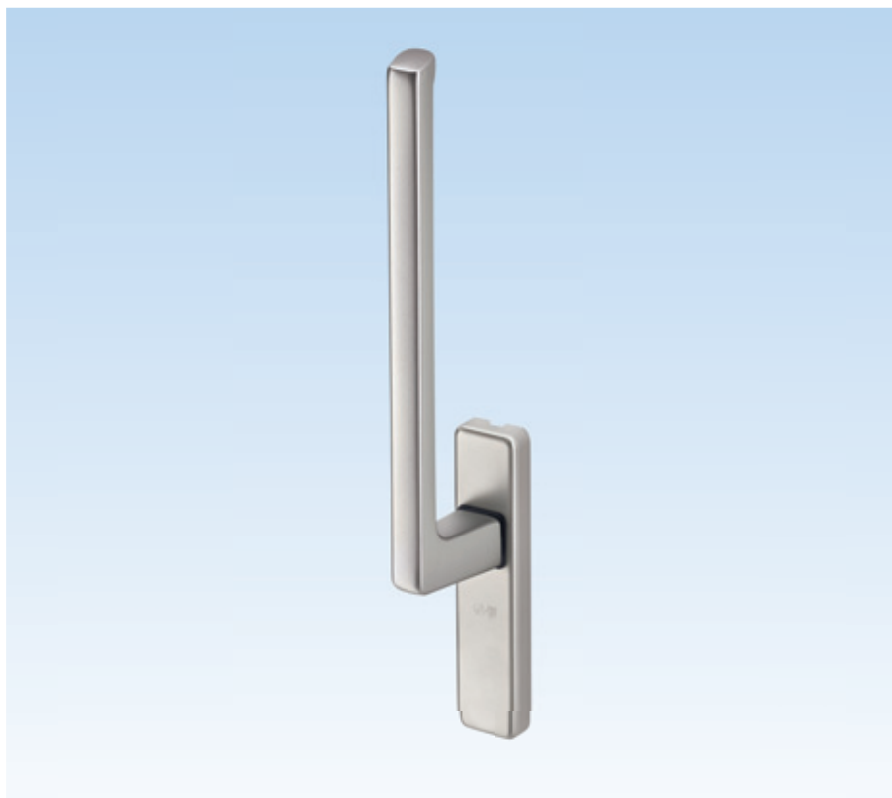
When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

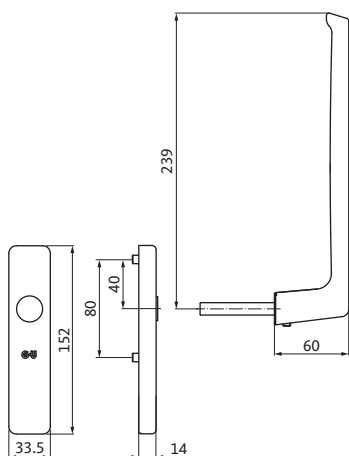
DIRIGENT – interior L&S turn handle, without PC hole

without L&S flush pull, removable



Product information

- High-quality aluminium turn handle, interior
- Removable, suitable for customer's own coating
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 74 mm



DIRIGENT – interior L&S turn handle, without PC hole

without L&S flush pull, removable



L&S turn handles

Versions/order numbers							
Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle inside, without PC-hole	180°	aluminium	with lugs	no	silver/EV 1 look	1	K-17396-00-0-1
					dark brown [1]	1	K-17396-00-0-5
					white, RAL 9016	1	K-17396-00-0-7
	For aluminium profiles only						
	180°	aluminium	without lugs	no	silver/EV 1 look	1	K-17398-00-0-1
					dark brown [1]	1	K-17398-00-0-5
					white, RAL 9016	1	K-17398-00-0-7
[1] Similar to RAL 8022							

Contents	Piece(s)
DIRIGENT interior L&S turn handle, without PC hole	1
Square spindle (suitable for ST 110 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	80	9-24377-40-0-1
	68	80	9-24377-40-0-1
	78	80	9-24377-40-0-1
	88	90	9-24377-50-0-1
	90	90	9-24377-50-0-1
	92	90	9-24377-50-0-1
	110	100	Included in PU for turn handle

Fixing screws

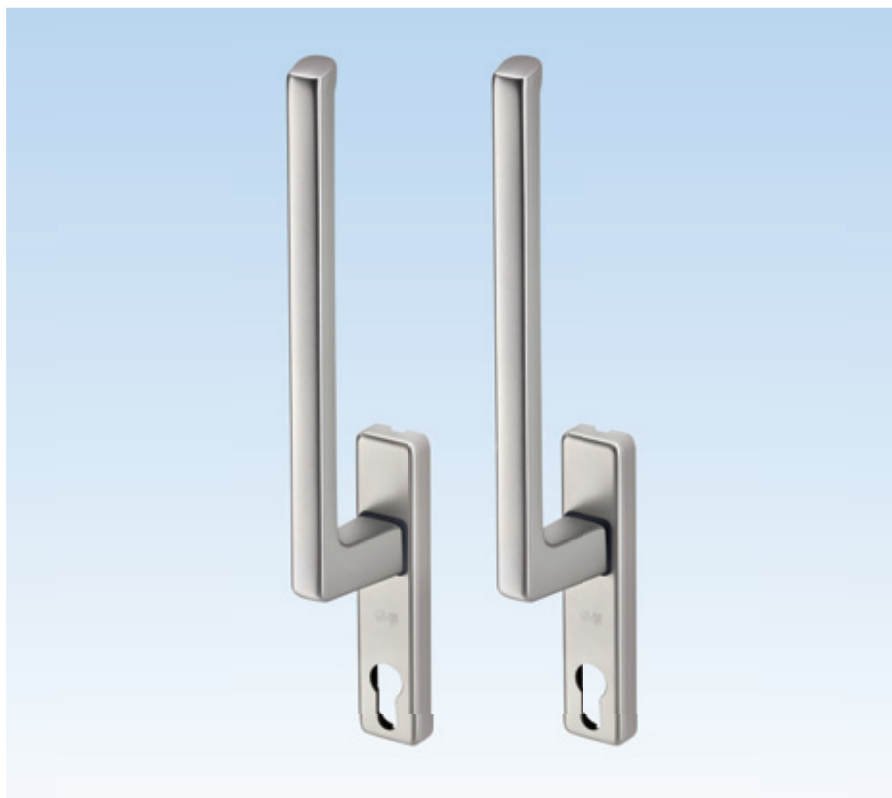
When attaching L&S turn handles on one side, please use suitable fixing screws for the material type and sash thickness of the Lift&Slide element.

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

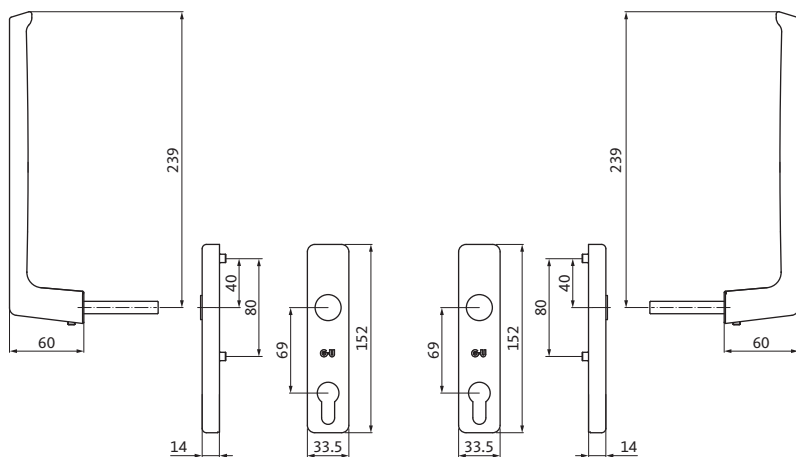
DIRIGENT – L&S interior/exterior handle set, with PC hole

removable



Product information

- High-quality aluminium turn handles, internal and external, with PC-hole
- Removable, suitable for customer's own coating
- With 10 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- Suitable for sash thicknesses up to 110 mm, adjustable square spindle
- Handle length 240 mm
- Handle height 74 mm
- **Note:** We recommend the use of a buffer – see page 281



L&S turn handles

Versions/order numbers							
Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle interior/exterior, with PC hole	180°	aluminium	with lugs	yes	silver/EV 1 look	1	K-17400-00-0-1
					dark brown [1]	1	K-17400-00-0-5
					white, RAL 9016	1	K-17400-00-0-7

[1] Similar to RAL 8022

Contents	Piece(s)
DIRIGENT interior/exterior L&S turn handle set, with PC hole	1
Square spindle (suitable for ST 92 mm)	1

Note about square spindle: If the sash thicknesses differ, the square spindle must be ordered separately.

Note about fixing screws: The fixing screws must be ordered separately depending on the sash thickness.

Square spindle

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 10 mm	56	145	9-24377-96-0-1
	68	145	9-24377-96-0-1
	78	145	9-24377-96-0-1
	88	145	9-24377-96-0-1
	90	145	9-24377-96-0-1
	92	150	Included in PU for turn handle
	110	170	9-24377-18-0-1

Fixing screws

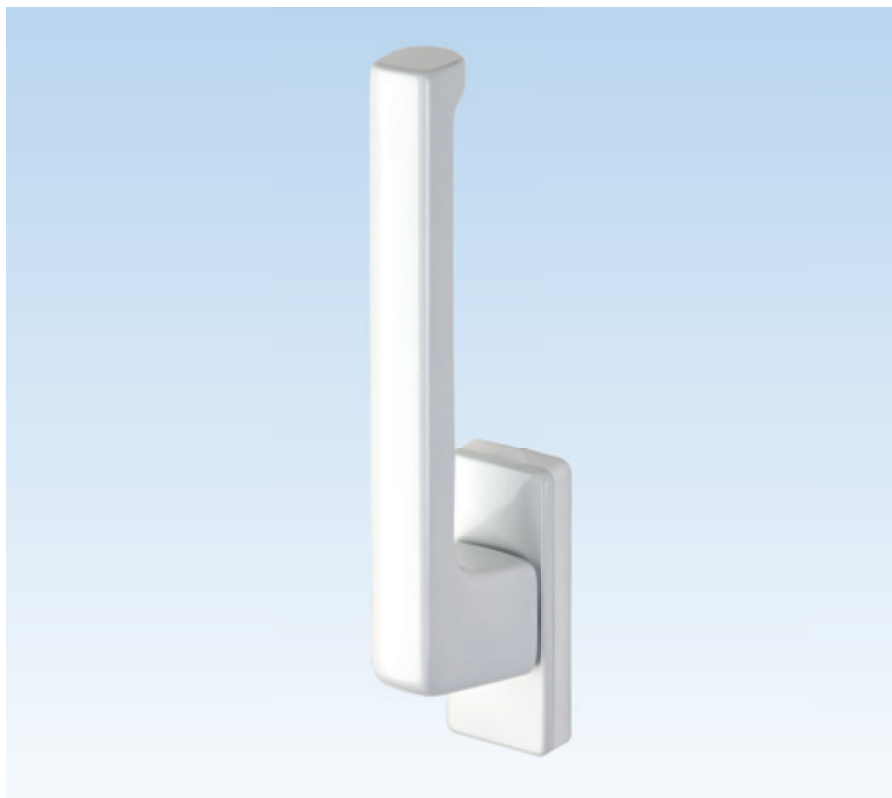
Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	70	9-13274-70-0-1
	68	80	9-13274-80-0-1
	78	90	9-13274-90-0-1
	88	100	9-13274-97-R-3
	90	100	9-13274-97-R-3
	92	100	9-13274-97-R-3
	110	125	9-13274-96-R-1

Drilling jigs

Versions/order numbers		
Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

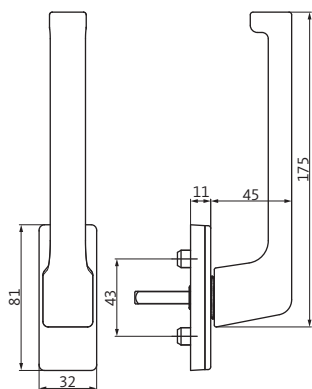
DIRIGENT – HL interior L&S turn handle, without PC hole

for light Lift&Slide elements



Product information

- High-quality aluminium turn handle, interior, without PC-hole
- Version with 7 x 37 mm square spindle
- Distance between screw centres 43 mm
- The square spindle can be enlarged to 10 mm (requires handle adapter set K-16554-01-0-1)
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 120 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16
- For sash thicknesses up to 56 mm
- Handle length 160 mm
- Handle height 58 mm



DIRIGENT – HL interior L&S turn handle, without PC hole

for light Lift&Slide elements



Versions/order numbers – L&S turn handle

Designation	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT HL L&S turn handle inside, without PC-hole	aluminium	with lugs	no	silver/EV 1 look	1	6-31809-37-0-1
				dark brown [1]	1	6-31809-37-0-5
				white, RAL 9016	1	6-31809-37-0-7

[1] Similar to RAL 8022

Versions/order numbers – required accessories

Designation	PU	Order no.
Handle adapter set	1	K-16554-01-0-1

Contains: 1 x fixing plate, 1 x reduction insert, fixing screws

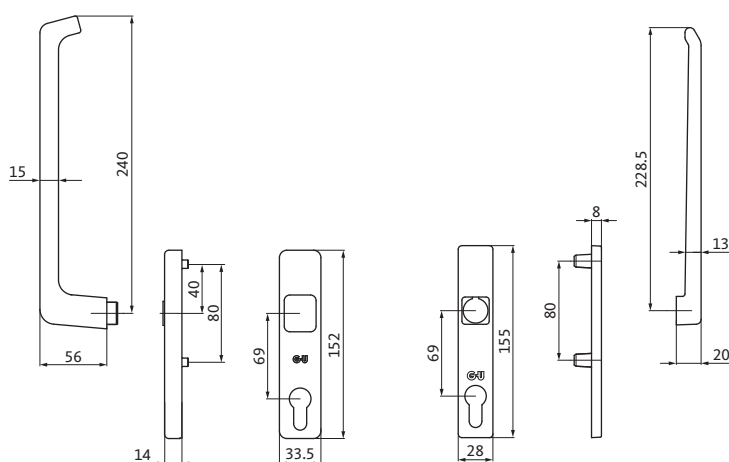
DIRIGENT – L&S interior/exterior handle set, with PC hole

flat on the outside – exterior height 30 mm



Product information

- High-quality aluminium turn handles, internal and external, with PC-hole
- With 8 mm square spindle and 80 mm distance between screw centres
- Suitable for use with all customary timber, PVC or aluminium Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 17
- Suitable for sash thickness up to 110 mm, square spindle can be cropped to necessary sash thickness
- Interior handle
 - Handle length 240 mm
 - Handle height 70 mm
- Exterior handle
 - Handle length 228.5 mm
 - Handle height 30 mm
- **Note:** We recommend the use of a buffer – see page 281



DIRIGENT – L&S interior/exterior handle set, with PC hole



flat on the outside – exterior height 30 mm

L&S turn handles

Versions/order numbers

Designation	Detent	Material	Version	Lockable	Finish	PU	Order no.
DIRIGENT L&S turn handle interior/exterior, with PC hole	90°	aluminium	with lugs	yes	silver/EV 1 look	1	K-12919-00-0-1
					dark brown [1]	1	K-12919-00-0-5
					white, RAL 9016	1	K-12919-00-0-7

[1] Similar to RAL 8022

Contents	Piece(s)
DIRIGENT interior/exterior L&S turn handle set, with PC hole	1
Fixing screws M6 x 75 mm (suitable for ST up to 56 mm)	2

Note regarding square spindle: the square spindle must be ordered separately, depending on the sash thickness.

Note about fixing screws: The fixing screws must be ordered separately in the event of deviating sash thicknesses.

Square spindle

Versions/order numbers

Designation	ST [mm]	Length [mm]	Order no.
Square spindle 8 mm	up to 88	90	9-30482-90-0-1
	> 88	135	9-30482-95-0-1
	> 88	150	9-30482-96-0-1

Fixing screws

Versions/order numbers

Designation	ST [mm]	Length [mm]	Order no.
M6 fixing screws	56	75	Included in PU for turn handle
	68	80	9-13274-80-0-1
	78	90	9-13274-90-0-1
	88	100	9-13274-97-R-3
	90	100	9-13274-97-R-3
	92	100	9-13274-97-R-3
	110	125	9-13274-96-R-1



Reduction insert

for mounting 8 mm square spindles in 10 mm square spindle mounts

Versions/order numbers

Designation	PU	Order no.
Reduction insert	1	9-43986-00-0-1

Drilling jigs

Versions/order numbers

Drilling jigs	PU	Order no.
Drilling jig for the installation of turn handles – timber profiles	1	6-35524-00-0-1
Drilling jig for the installation of turn handles – PVC profiles	1	9-27272-00-0-1
Drilling jig for the installation of turn handles – aluminium profiles with Euro-groove	1	9-27272-01-0-1

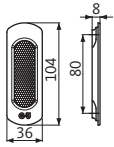
Accessories

L&S flush pull, round



Product information

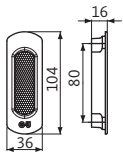
- High-quality flush pull made of stainless steel
- Distance between screw centres 80 mm
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



L&S flush pull, stainless steel

Designation	GU logo	Overall depth	Version	Finish	PU	Order no.
L&S flush pull, round	yes	6 mm	without lugs	silver/EV 1 look	1	9-46686-00-0-1
				dark brown [1]	1	9-46686-00-0-5
				white, RAL 9016	1	9-46686-00-0-7
				stainless steel	1	9-46686-00-0-8
L&S flush pull, round	yes	6 + 3 mm	with lugs (3 mm)	stainless steel	1	9-46686-01-0-8

[1] Similar to RAL 8022



L&S flush pull, stainless steel

Designation	GU logo	Overall depth	Version	Finish	PU	Order no.
L&S flush pull, round	yes	14 mm	without lugs	stainless steel	1	9-39035-01-0-8
L&S flush pull, round	no	14 mm	without lugs	stainless steel	1	9-39035-02-0-8

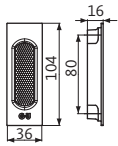
Accessories

L&S flush pull, square



Product information

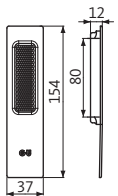
- High-quality flush pull made of stainless steel, aluminium or brass
- Distance between screw centres 80 mm
- Suitable for use with all customary Lift&Slide profile systems for up to 400 kg sash weight
- Durability test with 25,000 cycles in compliance with DIN 13126 part 16



L&S flush pull, stainless steel

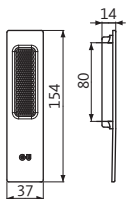
Designation	GU logo	Overall depth	Version	Finish	PU	Order no.
L&S flush pull, square	yes	14 mm	without lugs	stainless steel	1	9-42539-01-0-8
L&S flush pull, square	no	14 mm	without lugs	stainless steel	1	9-42539-02-0-8
Sec L&S flush pull, square	no	12 mm	without lugs	silver/EV 1 look	1	9-29622-00-0-1
				dark brown [1]	1	9-29622-00-0-5
				white, RAL 9016	1	9-29622-00-0-7
				stainless steel	1	9-29622-00-0-8

[1] Similar to RAL 8022



L&S flush pull, stainless steel

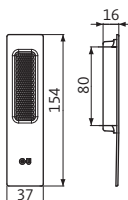
Designation	GU logo	Overall depth	Version	Finish	PU	Order no.
L&S flush pull, square	yes	10 mm	without lugs	stainless steel	1	9-42737-01-0-8
L&S flush pull, square	no	10 mm	without lugs	stainless steel	1	9-42737-00-0-8



L&S flush pull, aluminium

Designation	GU logo	Overall depth	Version	Finish	PU	Order no.
L&S flush pull MS, square	yes	10 mm	without lugs	silver/EV 1 look	1	9-29992-02-0-1
				dark brown [1]	1	9-29992-02-0-5
				white, RAL 9016	1	9-29992-02-0-7
L&S flush pull MS, square	yes	11 mm	without lugs	silver/EV 1 look	1	9-29992-01-0-1
				dark brown [1]	1	9-29992-01-0-5
				white, RAL 9016	1	9-29992-01-0-7
L&S flush pull, square	yes	16 mm	without lugs	silver/EV 1 look	1	9-29526-00-0-1
				dark brown [1]	1	9-29526-00-0-5
				white, RAL 9016	1	9-29526-00-0-7

[1] Similar to RAL 8022



L&S flush pull, brass

Designation	GU logo	Overall depth	Version	Finish	PU	Order no.
L&S flush pull MS, square	yes	14 mm	without lugs	brass	1	9-34957-00-0-B

Accessories

L&S turn handle, removable, cover rosettes



DIRIGENT service handle

Versions/order numbers			
Designation	Finish	PU	Order no.
DIRIGENT service handle Handle length 240 mm	silver/EV 1 look	1	6-24619-00-0-1
	dark brown [1]	1	6-24619-00-0-5
	white, RAL 9016	1	6-24619-00-0-7
[1] Similar to RAL 8022			



Interior cover rosette
without PC-hole

Versions/order numbers			
Designation	Finish	PU	Order no.
Interior cover rosette without PC-hole	silver/EV 1 look	1	6-23243-01-0-1
	dark brown [1]	1	6-23243-01-0-5
	white, RAL 9016	1	6-23243-01-0-7
[1] Similar to RAL 8022			



Interior cover rosette
with PC hole

Versions/order numbers			
Designation	Finish	PU	Order no.
Interior cover rosette with PC-hole	silver/EV 1 look	1	6-23243-02-0-1
	dark brown [1]	1	6-23243-02-0-5
	white, RAL 9016	1	6-23243-02-0-7
[1] Similar to RAL 8022			



Exterior cover rosette

Versions/order numbers

Designation	Finish	PU	Order no.
Exterior cover rosette	silver/EV 1 look	1	9-29527-00-0-1
	dark brown [1]	1	9-29527-00-0-5
	white, RAL 9016	1	9-29527-00-0-7

[1] Similar to RAL 8022



Set of cover discs

Versions/order numbers

Designation	Finish	PU	Order no.
Set of cover discs	silver/EV 1 look	1	K-17481-00-0-1
	dark brown [1]	1	K-17841-00-0-5
	black	1	K-17841-00-0-6
	white, RAL 9016	1	K-17841-00-0-7
	stainless steel appearance	1	K-17841-00-0-8

Contains: 1 x cover disc, 1 x bushing, fixing screws

[1] Similar to RAL 8022

Accessories

Gasket plates



Gasket plate for exterior and interior turn handle

The optional gasket plate which is universally applicable for all handle models provides increased tightness, especially in Blower Door Tests. The profile cylinder insert is removable so the gasket ensures optimal sealing for all handle variants.

Versions/order numbers			
Designation	Finish	PU	Order no.
Gasket plate for turn handle	black	1	9-47210-01-0-6



Gasket plate for flush pull

The optional gasket plate which is universally applicable for all flush pulls provides increased tightness, especially in Blower Door Tests. The adaptable gasket plate ensures optimal sealing for all flush pull models.

Versions/order numbers			
Designation	Finish	PU	Order no.
Gasket plate for flush pull	black	1	9-47211-01-0-6



Square spindles

The length of the optional square spindles must be determined depending on the spindle hole depth of the lock case. Wrongly dimensioned or short square spindles are not permissible as they cause damage to the window gear and the turn handle.

Versions/order numbers					
Designation	ST [mm]	Interior turn handle / exterior flush pull / exterior cover rosette		Interior/exterior handle set	
		Length [mm]	Order no.	Length [mm]	Order no.
Square spindle 10 mm	56	80	9-24377-40-0-1	145	9-24377-96-0-1
	68	80	9-24377-40-0-1	145	9-24377-96-0-1
	78	80	9-24377-40-0-1	145	9-24377-96-0-1
	88	90	9-24377-50-0-1	145	9-24377-96-0-1
	90	90	9-24377-50-0-1	145	9-24377-96-0-1
	92	90	9-24377-50-0-1	150	9-24377-15-0-1
	110	100	9-24377-60-0-1	170	9-24377-18-0-1

Versions/order numbers			
Designation	ST [mm]	Length [mm]	Order no.
Square spindle 8 mm	up to 88	90	9-30482-90-0-1
	> 88	135	9-30482-95-0-1
	> 88	150	9-30482-96-0-1



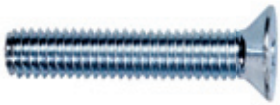
Reduction insert

for mounting 8 mm square spindles in 10 mm square spindle mounts

Versions/order numbers		
Designation	PU	Order no.
Reduction insert	1	9-43986-00-0-1

Accessories

Fixing screws



Fixing screws

The approved Lift&Slide handles must be screwed into the mounting thread of the gear lock case using 2 metric screws M6 x length. Make sure that the full length of the threads is used. Fastening the handles on the sash using screws for timber constructions is not permitted.

Versions/order numbers					
Designation	ST [mm]	Interior turn handle / exterior flush pull / exterior cover rosette		Interior/exterior handle set	
		Length [mm]	Order no.	Length [mm]	Order no.
Fixing screw M6	56	65	9-13274-65-0-1	70	9-13274-70-0-1
	68	75	9-13274-75-0-1	80	9-13274-80-0-1
	78	85	9-13274-85-0-1	90	9-13274-90-0-1
	88	95	9-13274-95-R-1	100	9-13274-97-R-3
	90	95	9-13274-95-R-1	100	9-13274-97-R-3
	92	100	9-13274-97-R-3	100	9-13274-97-R-3
	110	110	9-13274-98-R-3	125	9-13274-96-R-1



6.0 Additional information

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Lift&Slide hardware

Product information



Applications

With Lift&Slide hardware from Gretsche-Unitas, it is possible to produce Lift&Slide elements as

- Lift&Slide doors in 2- to 6-part versions and
- Lift&Slide windows in 2- to 6-part versions.

All Lift&Slide elements are each equipped

- with a threshold
- with a top guide track

Depending on the respective system, the sash thickness and the sash distance may vary.

Comfort application range with the HS LiftUnit

GU-934 L&S bogie in combination with HS LiftUnit up to max. 350 kg
GU-934 tandem bogie in combination with HS LiftUnit up to max. 600 kg

The comfort application range is possible on the hardware side with the L&S LiftUnit. System-related variations in the profile systems and their applicable processing guidelines must be checked before use.

Lift&Slide hardware – versions							
Note: the application range may vary, depending on the system							
Designation	Opening type		Sash configuration	Sash weight [kg]	Sash distance [mm]	Sash height [mm]	Sash width [mm]
	Door	Window					
GU-934	■	–	Patterns A to L	max. 350 [1]	10 to 28	1851 – 2750 [2]	700 – 3300
	–	■	Patterns A to L	max. 350 [1]	10 to 28	850 – 1850 [2]	700 – 3300

[1] When also using the L&S tandem bogie GU-934, up to max. 600 kg
[2] Sash heights up to 3250 mm when using the gear extension; sash heights up to 3750 mm are available on request

Standard application

Lift&Slide hardware – versions							
Note: the application range may vary, depending on the system							
Designation	Opening type		Sash configuration	Sash weight [kg]	Sash distance [mm]	Sash height [mm]	Sash width [mm]
	Door	Window					
GU-934	■	–	Patterns A to L	max. 350 [1]	10 to 28	1851 – 2750 [3]	700 – 3300
	–	■	Patterns A to L	max. 350 [1]	10 to 28	850 – 1850 [3]	700 – 3300
GU-937	■	–	Patterns A to L	max. 200 [2]	10 to 28	1851 – 2750 [3]	700 – 3300
	–	■	Patterns A to L	max. 200 [2]	10 to 28	850 – 1850 [3]	700 – 3300

[1] When also using the L&S tandem bogie GU-934, up to max. 400 kg; sash weights heavier than 400 kg are only permitted in combination with HS LiftUnit
[2] When also using the L&S tandem bogie GU-937, up to max. 400 kg
[3] Sash heights up to 3250 mm when using the gear extension; sash heights up to 3750 mm are available on request

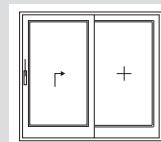
Sash configuration according to patterns A to K

The patterns to be implemented are system-dependent.

In Chapter 1.0 | System overviews, you will find the patterns that are available for all the respective systems.

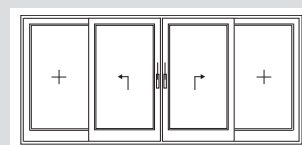
Pattern A

1 Lift&Slide door
1 fixed-glazed sash
Depiction: sliding to the right



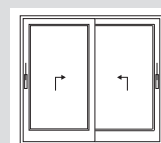
Pattern C

2 Lift&Slide sashes,
2 fixed-glazed sashes;
Depiction: sliding to the left and right



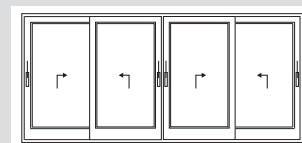
Pattern D

2 Lift&Slide sashes;
Depiction: sliding to the left and right



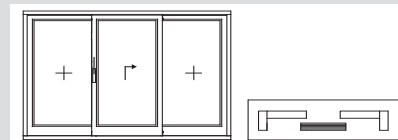
Pattern F

4 Lift&Slide sashes;
Depiction: sliding to the left and right



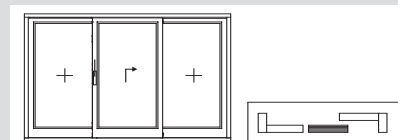
Pattern G1 symmetrical

1 Lift&Slide door
2 fixed-glazed sashes
Depiction: sliding to the right



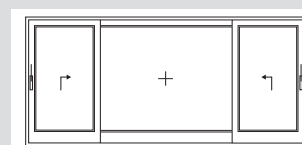
Pattern G3 symmetrical

1 Lift&Slide door
2 fixed-glazed sashes
Depiction: sliding to the right



Pattern K

2 Lift&Slide sashes,
1 fixed-glazed sash;
Depiction: sliding to the left and right



Structural sealing

Instructions for the installation of a Lift&Slide element in the structure



Three indispensable functions for the joint

Although the inhabitants of a house or an apartment do not recognize the quality of the professional window seal between a window and the masonry at first glance, it is still crucial for the proper function of the element.

This connection (joint) must fulfil several functions. The sealing has a three-stage design to prevent these functions from hindering each other. A proper seal only works effectively through interaction of the external, central and internal sealing levels.

The ideal version of the three sealing levels prevents humidity-related structural damage and creates a healthy room climate.

Our perfectly coordinated components create a complete sealing system. In this way, Gretsch-Unitas not only fulfils all aspects of energy saving in line with the relevant regulations, but also satisfies the desire for an extremely high degree of living comfort.

Separation of indoor and outdoor environment – internal seal

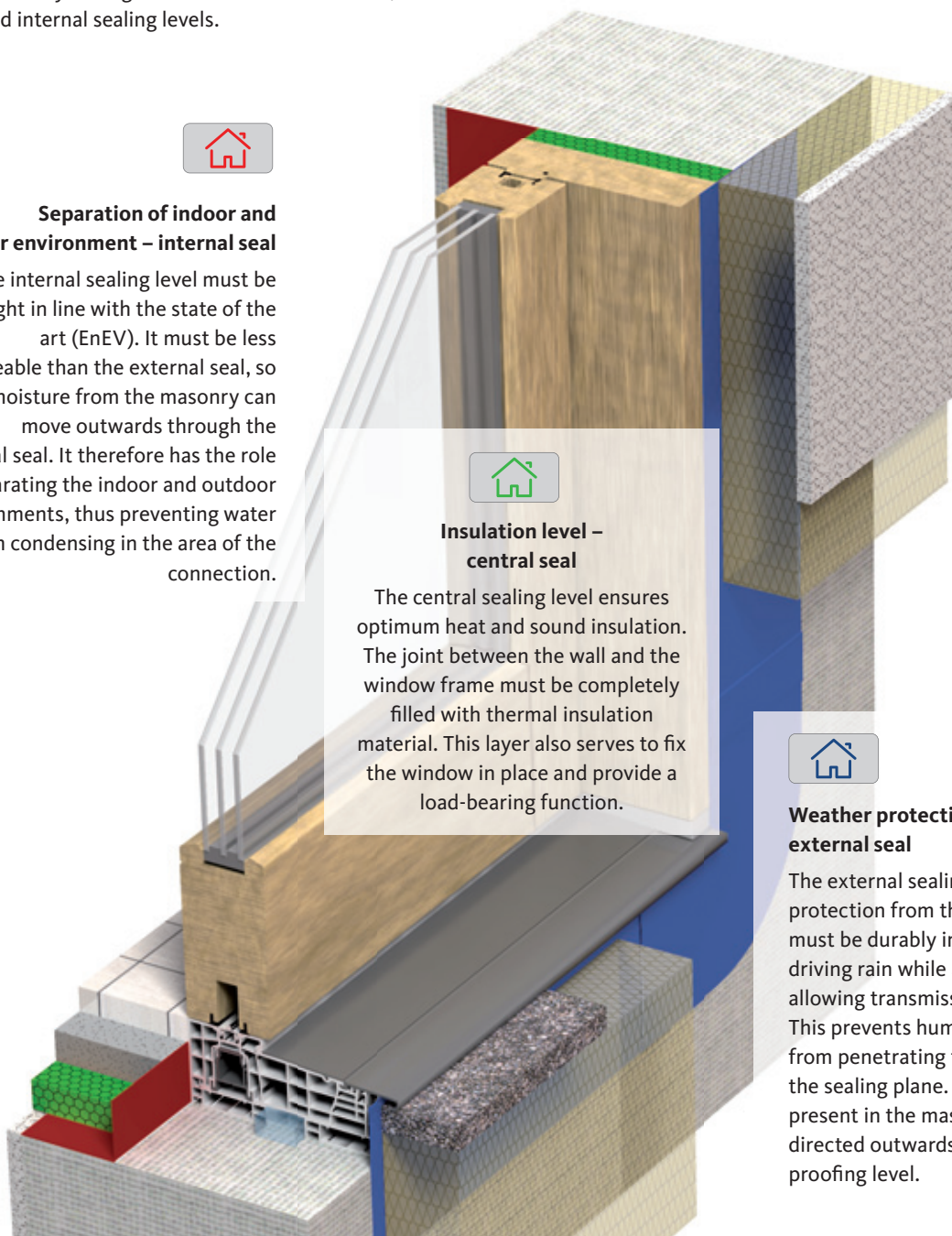
The internal sealing level must be air-tight in line with the state of the art (EnEV). It must be less permeable than the external seal, so that moisture from the masonry can move outwards through the external seal. It therefore has the role of separating the indoor and outdoor environments, thus preventing water from condensing in the area of the connection.

Insulation level – central seal

The central sealing level ensures optimum heat and sound insulation. The joint between the wall and the window frame must be completely filled with thermal insulation material. This layer also serves to fix the window in place and provide a load-bearing function.

Weather protection level – external seal

The external sealing level serves as protection from the weather and must be durably impermeable to driving rain while at the same time allowing transmission of vapour. This prevents humidity and moisture from penetrating the masonry via the sealing plane. If moisture is present in the masonry, this is directed outwards at this weather-proofing level.



GU-installation set for Lift&Slide elements

Sealing of threshold at bottom horizontal

Application areas

- Sealing of Lift&Slide doors and windows against components in contact with the ground, such as cellar walls and ground slabs
- Sealing against ground moisture (capillary water, retained water) and non-accumulating seepage water (in allusion to DIN 18195 Part 4)
- Sealing of balconies and patios in the outdoor areas

Processing

With the pre-assembled installation corners from Gretschi-Unitas, you can create corner connections quickly, cost-effectively and permanently. The corners are supplied with a flank length of 400 mm and a width of 200 mm. The surfaces to be glued on the component, the frame and the masonry must be clean and free of dust, grease, ice, standing water and separating agents. Strongly sucking substrates are pre-treated with GU primer (bonding agent): in 1 square metre 100 g of the GU primer should be applied – for example, with a brush – and then be ventilated thoroughly. The drying time depends on the temperature and the air humidity. The products from GU are covered with a webbed lamination and so are suitable as plaster bases.

Characteristics

- System tested by MPA Hanover, Germany
- Self-adhesive, simple to work with, immediately functioning
- Resistant to aging and weathering, UV-stabilised
- High resistance to tear and tear propagation due to cross-lamination of the film
- Water pressure tight up to 5 bar (foil side)
- Solvent-free, bitumen-free, bitumen-compatible, non-corrosive
- Smooth film surface with webbing
- Thermal stability -40 °C to +90 °C
- Pretreat substrate with GU primer
- Fire behaviour B2 (euro class E)
- Compound material butyl, sd-value 150 m and webbing sd-value 0.5 m
- Material thickness 1.0 mm +/- 0.2 mm

GU sealing systems

You can find products for sealing the various sealing levels in our order catalogue "Installation material".

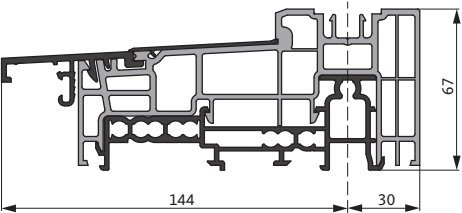
For every level, the right product					
		 Central sealing level	 Internal sealing level		
	Products	Accessories	GU window sealing tape – internal use	GU joint sealing compound – internal use	GU butyl sheet for structural sealing – internal use
 External sealing level	GU window sealing tape – external use	– GU sealing cord – GU gun foam – GU winter gun foam – GU 2K quick foam – GU super sealant – GU ultra sealant – GU winter sealant – GU EPDM construction adhesive – GU primer	■	■	■
	GU joint sealing tape BG1/600		■	■	■
	GU joint sealing tape BG2/300		■	■	■
	GU joint sealing compound – external use		■	■	■
	GU KSK sheet for structural sealing		■		
	GU EPDM sealing sheet – external use		■		■

Thresholds

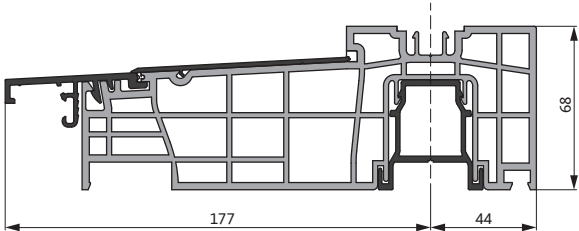
Versions and application ranges



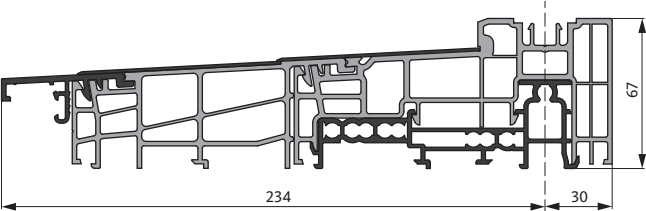
GU-thermostep thresholds



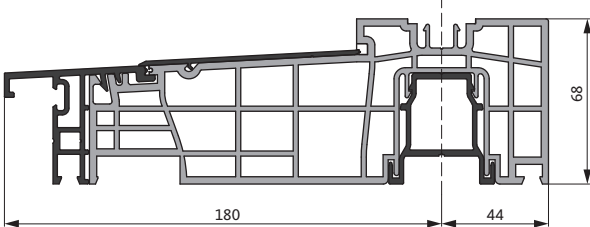
GU-thermostep 164 – sash thicknesses 56 and 68 mm



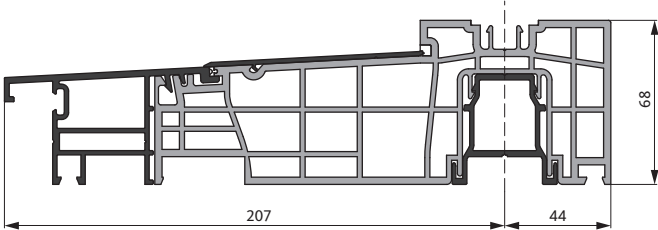
GU-thermostep 204 – sash thickness 78 mm



GU-thermostep 164 – for patterns E and L – sash thickness 78 mm

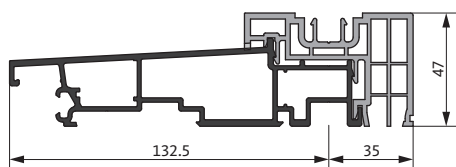


GU-thermostep 204 – sash thicknesses 88 to 92 mm



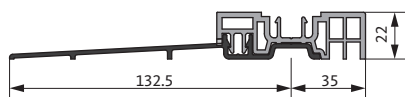
GU-thermostep 204 – sash thickness 110 mm

Thresholds – GU-threshold 47

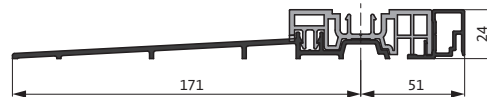


GU-threshold 47

Thresholds – GU-flatstep



GU-flatstep 164



GU-flatstep 222

Note:

For a threshold to match the relevant profile system, please refer to the system overviews.

Thresholds

Pre-assembly to the required dimension



The GU group offers individual pre-assembly as a strong service for the GU-thermostep thresholds.

This gives the fabricator the following benefits:

- No stock keeping of individual parts, so reduced inventory size and warehouse costs
- No offcuts and leftover amounts
- Reduced manufacturing time and costs
- Reduction of errors when cropping to size
- Reduction of errors when calculating and ordering the threshold

Threshold assembled to the highest degree of prefabrication

for GU-thermostep 204

The GU-thermostep 204 threshold is pre-assembled for the specific system with the highest possible degree of prefabrication.

- The drip rail, the attachment track, the tread threshold and the roller track are cut to the right dimension and installed on the threshold with the necessary sealing
- As an option, you may select the comfort profile instead of the tread threshold
- The corner connectors are pre-drilled, sealed and fastened
- All the necessary seals are in place
- This prefabricated threshold can be installed on the element directly by the fabricator.

Top guide track and Lift&Slide hardware assembled to the highest degree of prefabrication

The P 1786 or P 1850 top guide track and the Lift&Slide gear are cut to the right dimension in full, depending on the system.

The GU-934 or GU-937 L&S bogies are pre-mounted with the rod cut to the right dimension.

For more pre-assembled products, please refer to the order form

- The highest degree of pre-fabrication also for hardware components and top guide tracks
- Delivery in ready-to-install packing units
- Direct installation of the items on the element

Order forms

We shall be glad to provide you with the right order form for your system.

GU-thermostep 204 threshold
Stage 2: Threshold assembled to the highest degree of prefabrication – Sheet 1

Order of:
Customer number _____
Company _____
Contact person _____
House number, street _____
Postal code/city _____
Telephone _____
Fax _____
E-Mail _____
Order quantity _____

Different shipping address:
Customer number _____
Company _____
Contact person _____
House number, street _____
Postal code/city _____
Telephone _____
Fax _____
E-Mail _____
Consignee _____

Profile system:
Timber: 88 mm sash thickness; 28 mm sash distance;
63 mm frame width; 10 mm guide track height

Drawing:
0.46618

Pattern illustration:
☐ Pattern A
Left version
K.18959-98-L-1
☐ Pattern A
Right version
K.18959-98-R-1
☐ Pattern C
K.18960-98-C-1

On delivery you will receive the GU-thermostep 204 threshold and all necessary accessories fully cut, mounted and fixed with screws.
The corner connectors are mounted and all required sealing work is done.

Dimensions for the element:
Total frame width (TFW)
(max. length = 6700 mm) _____
Total frame height (TFH) _____
Sash weight _____
Sliding sash and fixed glazing unit symmetrical ☐

GU-thermostep 204 threshold
Stage 2: Threshold assembled to the highest degree of prefabrication – Sheet 2

Profile extensions:
Extension of drip rail 25 mm
cut to size, unmounted ☐ 9-27968-**-0-1
Extension of drip rail 40 mm
cut to size, unmounted ☐ P-01840-**-0-1
Extension of drip rail 60 mm
cut to size, unmounted ☐ P-01918-**-0-1

Delivery of the profile extension, including the gasket profile P.839

Comfort profile:
Comfort profile
cut to size, unmounted ☐ P-01911-**-0-1

Height extensions:
Height extension 20 mm
cut to size, pre-mounted ☐ P-01955-**-0-1
Height extension 30 mm
cut to size, pre-mounted ☐ P-01956-**-0-1
Height extension 100 mm
cut to size, pre-mounted ☐ P-01957-**-0-1

Date / Signature _____

Gutech vision GmbH | Buschschlager | Johann-Moser-Str. 3 | D-71254 Bödingen | Tel. +49(0)7134 360-40 | Fax +49(0)7134 360-77880

Threshold pre-assembled to the highest degree of prefabrication – order form

L&S turn handles

Materials and finishes



RONDO series



BELCANTO series

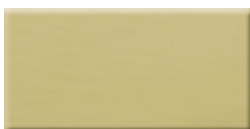


DIRIGENT series



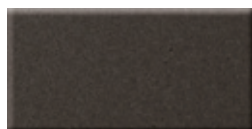
Silver / EV 1 look

With its cool, slightly reflective finish, the silver/EV 1 look offers the perfect complement to modern interiors. The robust finish is also impressive owing to its high impact- and scratch-resistance.



Solid brass

One of the outstanding versions of Lift&Slide (L&S) turn handles is the brass cast made of solid metal. This important hardware is characterized in long-term use by its excellent corrosion resistance and its extremely low maintenance requirements.



Dark brown (similar to RAL 8022) White RAL 9016)

Gretsch-Unitas creates ideally resistant finishes – even in various different RAL colour shades – through product-specific coating procedures, which are characterized by a high-quality appearance and a particularly long service life.



Matt stainless steel

The matt stainless steel finish is particularly durable, which makes it an ideal alternative to other surface finishes.

Finish: 9 – more finishes available on request

Our L&S turn handles are also available in various special colours on request. Individual design solutions and colour concepts can therefore be realised harmoniously throughout the entire building thanks to the expertise of Gretsch-Unitas.

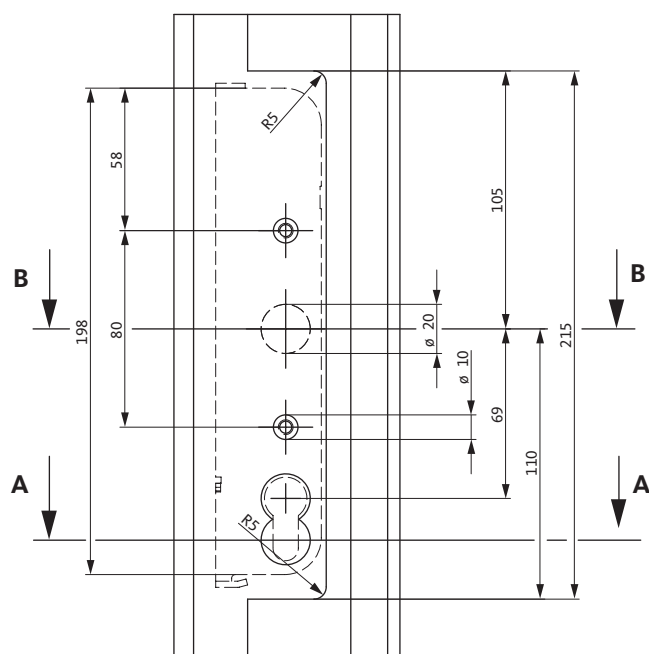
Variety of profile cylinders

Delivery can be completed with compatible profile cylinders from the BKS locking cylinder range. Swiss round cylinders (Swiss RC) round off the range.

The L&S turn handles and L&S flush pulls for Lift&Slide elements are available in various materials and finishes. The L&S turn handle range is rounded off with L&S turn handles for actuation on both sides and variants with a Swiss RC hole, as well as special versions.

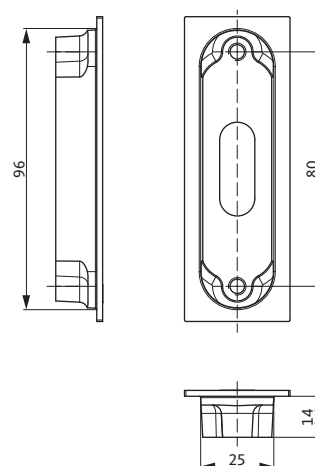
Choose the right solution for you from our RONDO, BELCANTO and DIRIGENT series.

Drilling and milling dimensions for installation in the sash



Drilling and milling pattern for L&S flush pull

The milling depth depends on the overall depth of the L&S flush pull. In the example shown, it is at least 14 mm.



List of abbreviations



List of abbreviations	
FGSW	Fixed-glazed sash width
FW	Frame profile width
HD	Handle distance
IFW	Interior frame width
LD	Length of drive case
LS	Roller track
PC	Profile cylinder
PU	Packing unit
SD	Sash distance
SH	Sash height
ST	Sash thickness
SW	Sash weight
SW	Sash width
Swiss RC	Swiss round cylinder
TFH	Total frame height
TFW	Total frame width
WR	Width of reveal

Indicative character of technical information, exclusion of liability

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BUILDING MANAGEMENT SYSTEMS

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