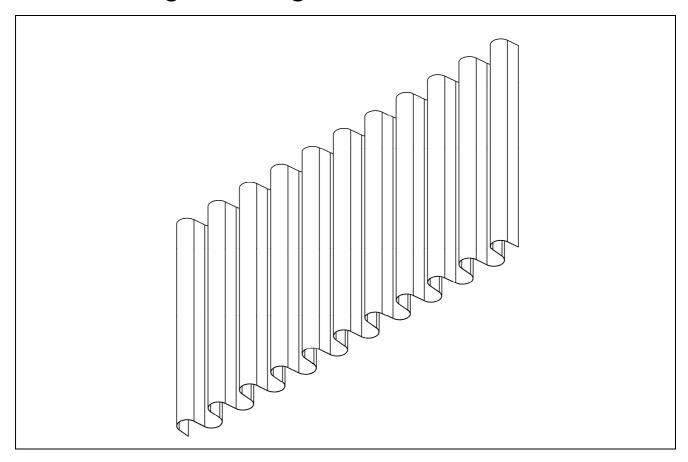


Assembling & Fitting Instruction

February 2009



Wave Curtain Heading System

Silent Gliss® 6020, 6100, 6103, 6290, 6380

Silent Gliss® 3840, 6120

Silent Gliss® 5090, 5200, 5400



New Version: 2	Issued and controlled by res	Approved by SG	iHQ				
dated February 2009	for development	Signature		Signature			
Replaces Version: 1	Date	B. Aebi	Date	B. Aebi			
November 2008	27.02.2009		27.02.2009				
Copyright® November 2008	Copyright [©] November 2008 by Silent Gliss International Ltd.						



Content

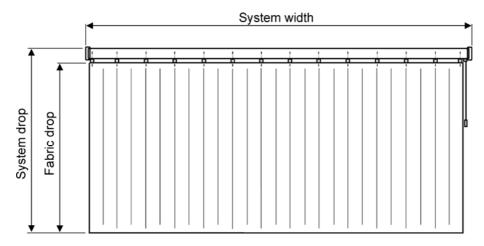
1 Pr	roduct Information	
1.1	Systems 6020 / 6100 / 6103 / 6290 / 6380	
1.2	Systems 3840 / 6120	
1.3	Systems 5090 / 5200 / 5400	
1.4	System Configurations	
1.5	Calculation charts	
	ssembling	
2.1	Parts list	
2.2	Assembling of System	
2.3	Useful Information	
2.4	Fabric Confectioning	
2.5	Curtain Hooking	
2.6	Curtain Fitting	



1 **Product Information**

Systems SG 6020 / 6100 / 6103 / 6290 / 6380 Outline Drawing 1.1

1.1.1



1.1.2 **Maximum Dimensions**





6.0 m	15 cm
6.0 m	20 cm
6.0 m	25 cm
6.0 m	Can not be bent
6.0 m	10 cm
	6.0 m 6.0 m 6.0 m

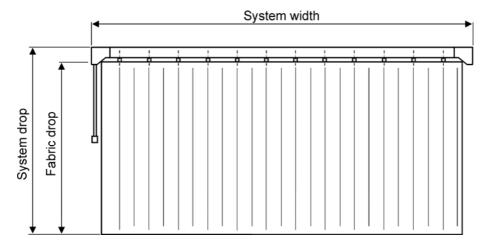
1.1.3 Weight Chart

N/A



Systems SG 3840 / 6120 Outline Drawing 1.2

1.2.1



1.2.2 **Maximum Dimensions**







SG 3840 SG 6120 6.0 m 6.0 m 8 kg 8 kg

25 cm 30 cm

1.2.3 Weight Chart

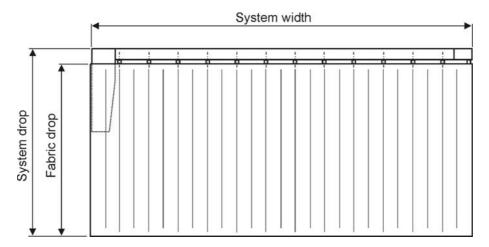
SG 3840, 6120

System lenght	2m	3m	4m	5m	6m
1	5	7.5	8	7	7
- 	5	7.5	8	8	8
	5	6	6	5	5
****	5	6	6	6	6
T t	4	3	3	2	2
1	4	4	4	3	3
*	3	2	2	1	1
	3	3	3	2	2



Systems SG 5090 / 5200 / 5400 Outline Drawing 1.3

1.3.1



1.3.2 Maximum Dimensions

max.

kg max.



SG 5090 5.0 m SG 5200 10.0 m SG 5400 10.0 m

12.5 kg 15 kg 15 kg

25 cm 25 cm 25 cm

1.3.3 Weight Chart

SG5090

SG 5200

SG 5400

System lenght	2m	3m	4m	5m	System lenght	2m	4m	6m	8m	10m	System lenght	2m	4m	6m	8m	10m
1000	5	7.5	10	12.5	1000	5	10	15	15	10	1000	5	10	15	15	15
10000 1000m	5	7.5	10	12.5	1000	5	10	15	15	10	1000	5	10	15	15	15
	5	7.5	10	10	1	5	10	15	10	-	■000	5	10	15	15	15
THE STATE OF THE S	5	7.5	10	10	*****	5	10	15	10	-	*****	5	10	15	15	15
	5	7.5	10	10	T the	5	10	15	8	-	T the	5	10	15	12	8
	5	7.5	10	10	1	5	10	15	8	-	1	5	10	15	12	8
*	5	7.5	10	10	*	5	10	8	-	-	in the second	5	10	12	-	-
	5	7.5	10	10		5	10	8	-	-		5	10	12	-	-



1.4 System Configurations

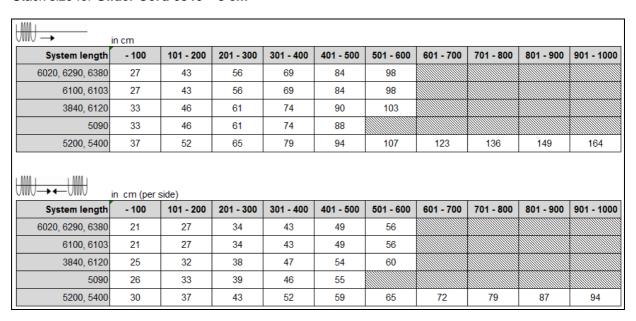
1.4.1 Stack variation:

Stacking	₩ →	← ₩	₩₩→←₩₩	←₩₩
6020, 6290, 6380 6103, 6120				
3840, 6120	ecisione	-	editility	disso
5060, 5200, 5400				

1.4.2 Stack size for Glider Cord 6345 – 6 cm

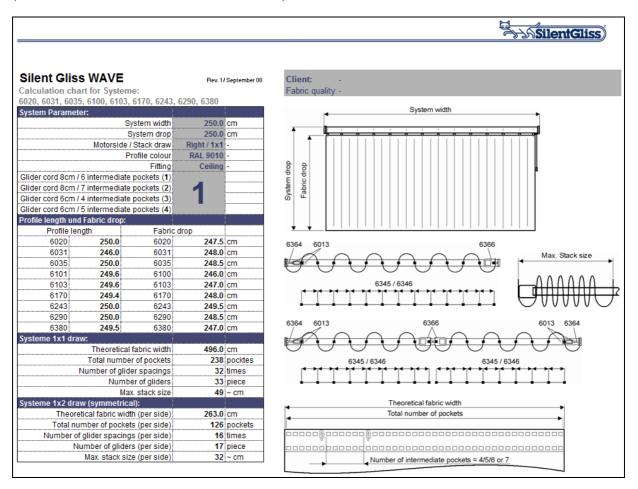
$\mathbb{H} \rightarrow$	in cm									
System length	- 100	101 - 200	201 - 300	301 - 400	401 - 500	501 - 600	601 - 700	701 - 800	801 - 900	901 - 1000
6020, 6290, 6380	32	49	69	87	106	124				
6100, 6103	32	49	69	87	106	124				
3840, 6120	37	55	74	92	112	129				
5090	37	55	74	92	110					
5200, 5400	41	49	79	96	116	134	153	171	191	208
MM I I I I I I										
JWWU→←UWWU	in cm (per	side)								
∭U→←U∭U System length	/	101 - 200	201 - 300	301 - 400	401 - 500	501 - 600	601 - 700	701 - 800	801 - 900	901 - 1000
	- 100		201 - 300 40	301 - 400 51	401 - 500 60	501 - 600	601 - 700	701 - 800	801 - 900	901 - 1000
System length	- 100	101 - 200					601 - 700	701 - 800	801 - 900	901 - 1000
System length 6020, 6290, 6380	- 100 23 23	101 - 200 32	40	51	60	69	601 - 700	701 - 800	801 - 900	901 - 1000
System length 6020, 6290, 6380 6100, 6103	- 100 23 23	32 32	40	51 51	60	69 69	601 - 700	701 - 800	801 - 900	901 - 1000

1.4.3 Stack size for Glider Cord 6346 – 8 cm



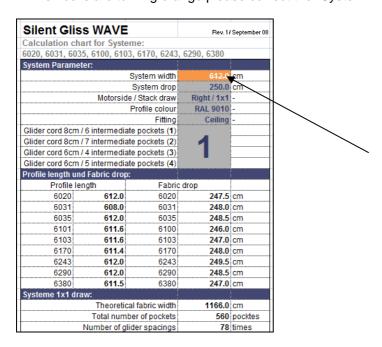


1.5 Calculation charts (Available on the Intranet Technical Database)



Note:

- The grey colored cells are the user input cells
- When cells are turning orange please correct the "System width".



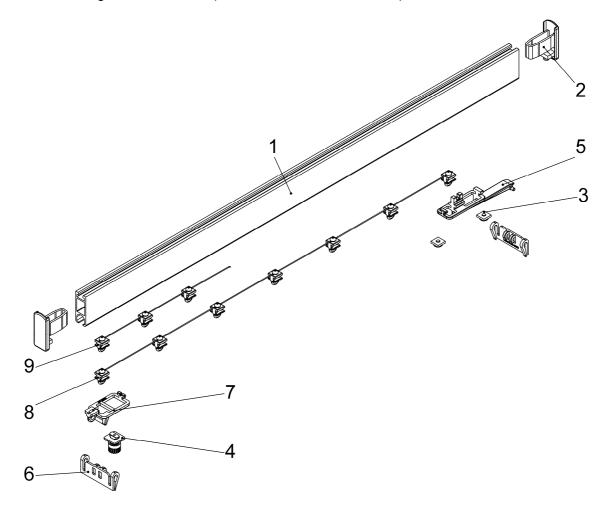
Note: It may sometimes appear that there are too many gliders for the track. The reason for this is that the quantity of gliders are always taken to the next even number so that the curtain always finishes pointing away from the room giving a uniform appearance.



Assembling

1.6 Parts list

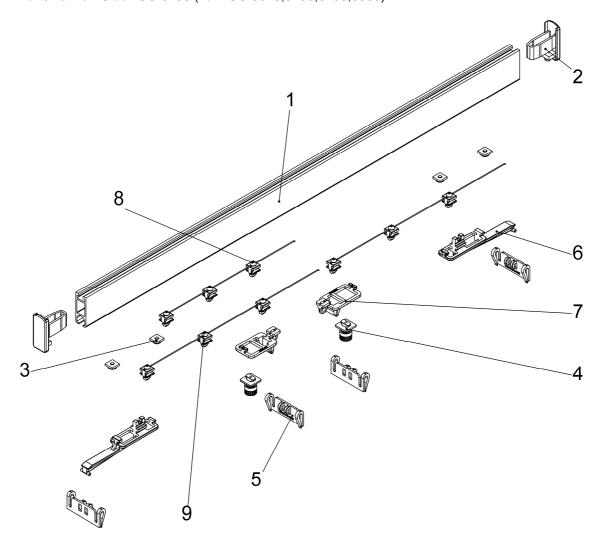
1.6.1 Parts list Single Stack SG 6100 (N/A: SG 6020,6103,6290,6380)



9	Glider cord 60mm	100634500		1
8	Glider cord 80mm	100634600		1
7	Carrier for drow rod	100636600	Delrin 527 UV NC-010	1
6	Hanger	100636500	Ultraform N2320 U03	2
5	Extension	100636400	Hostaform C 9021 GV1/30	1
4	Brake comb.	100225500		1
3	End stop	6013		2
2	End cover	6611	-	2
1	Profile	6101	AlMgSi 0.5	1
Pos. Pos.	Titel Title	Teilenummer part number	Werkstoff Material	Stück Piece



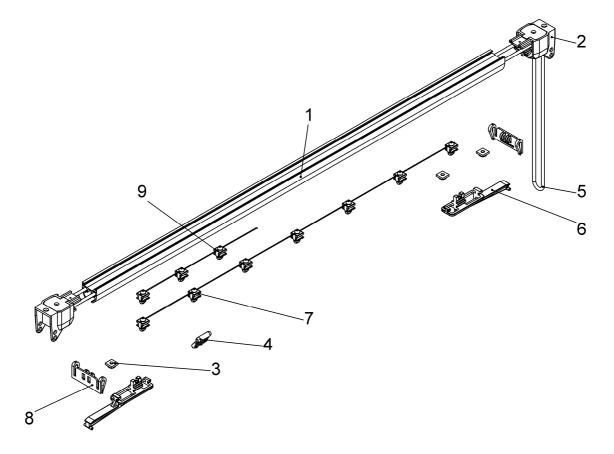
Parts list Pair Stack SG 6100 (N/A: SG 6020,6103,6290,6380)



9	Glider cord 80mm	100634600		2
8	Glider cord 60mm	100634500		2
7	Carrier for drow rod	100636600	Delrin 527 UV NC-010	2
6	Extension	100636400	Hostaform C 9021 GV1/30	2
5	Hanger	100636500	Ultraform N2320 U03	4
4	Brake comb.	100225500		2
3	End stop	6013		4
2	End cover	6611	-	2
1	Profile	6101	AlMgSi 0.5	1
Pos. Pos.	Titel Title	Teilenummer part number	Werkstoff Material	Stück Piece



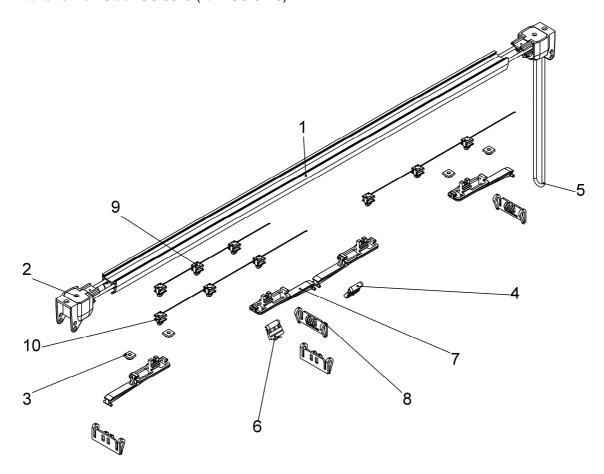
Parts list Single Stack SG 3840 (N/A: SG 6120)



9	Glider cord 60mm	100634500		1
8	Hanger	100636500	Ultraform N2320 U03	2
7	Glider cord 80mm	100634600		1
6	Extension	100636400	Hostaform C 9021 GV1/30	2
5	Cord 3.5mm	3090	Polyester	1
4	Pilot runner	6314		1
3	End stop	6013		3
2	Guide	3804		2
1	Profile	3841	AlMgSi 0.5	1
Pos. Pos.	Titel Title	Teilenummer part number		Stück Piece



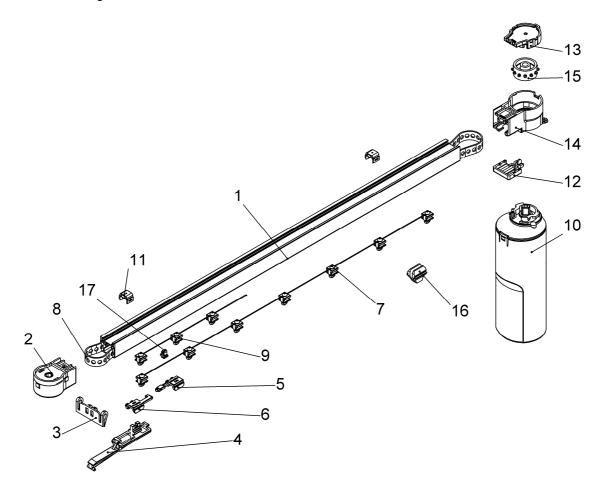
Parts list Pair Stack SG 3840 (N/A: SG 6120)



10	Glider cord 80mm	100634600		2
9	Glider cord 60mm	100634500		2
8	Hanger	100636500	Ultraform N2320 U03	4
7	Extension	100636400	Hostaform C 9021 GV1/30	4
6	Pilot runner	6315		1
5	Cord 3.5mm	3090	Polyester	1
4	Pilot runner	6314		1
3	End stop	6013		4
2	Guide	3804		2
1	Profile	3841	AIMgSi 0.5	1
Pos. Pos.	Titel Title	Teilenummer part number	Werkstoff Material	Stück Piece



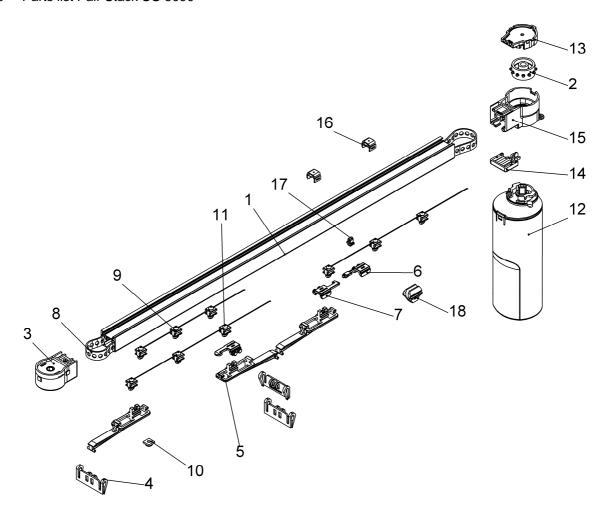
1.6.2 Parts list Single Stack SG 5090



17	Clip	100639800	Polypropylen PP	1
16	Spring stop	6086	POM, white	1
15	Driving wheel	5152	Crastin S600 F20 NC10	1
14	Pulley housing	101000200	Grilon BS/2 6084	1
13	Lid	101000300	Delrin 527 UV NC-010	1
12	Locking plate	101000400	PA Typ 66	1
11	End stop	101001000		2
10	Motor unit	101001200		1
9	Glider cord 60mm	100634500		1
8	Driving belt	5130	Polyester fabrics	1
7	Glider cord 80mm	100634600		1
6	Master carrier	100636700	Delrin 527 UV NC-010	1
5	Carrier	100636800	Delrin 527 UV NC-010	1
4	Extension	100636400	Hostaform C 9021 GV1/30	1
3	Hanger	100636500	Delrin 527 UV NC-010	1
2	Belt return	2193		1
1	Profile	2191	AlMgSi 0.5	1
Pos. Pos.	Titel Title	Teilenummer part number	Werkstoff Material	Stück Piece



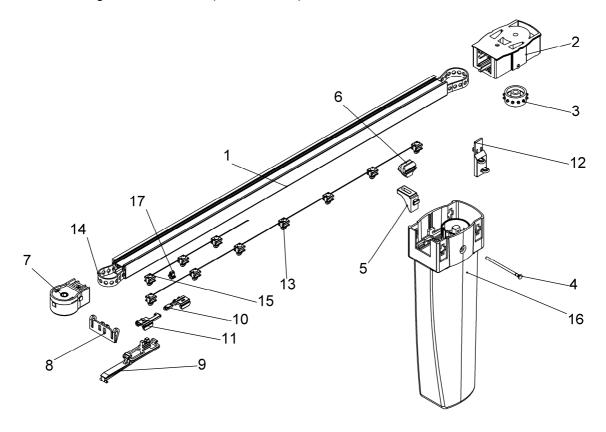
1.6.3 Parts list Pair Stack SG 5090



18	Spring stop	6086	POM, white	1
17	Clip	100639800	Polypropylen PP	1
16	End stop	101001000		2
15	Pulley housing	101000200	Grilon BS/2 6084	1
14	Locking plate	101000400	PA Typ 66	1
13	Lid	101000300	Delrin 527 UV NC-010	1
12	Motor unit	101001200		1
11	Glider cord 80mm	100634600		2
10	End stop	6013		1
9	Glider cord 60mm	100634500		2
8	Driving belt	5130	Polyester fabrics	1
7	Master carrier	100636700	Delrin 527 UV NC-010	2
6	Carrier	100636800	Delrin 527 UV NC-010	1
5	Extension	100636400	Hostaform C 9021 GV1/30	3
4	Hanger	100636500	Delrin 527 UV NC-010	3
3	Belt return	2193		1
2	Driving wheel	5152	Crastin S600 F20 NC10	1
1	Profile	2191	AIMgSi 0.5	1
Pos. Pos.	Titel Title	Teilenummer part number	Werkstoff Material	Stück Piece



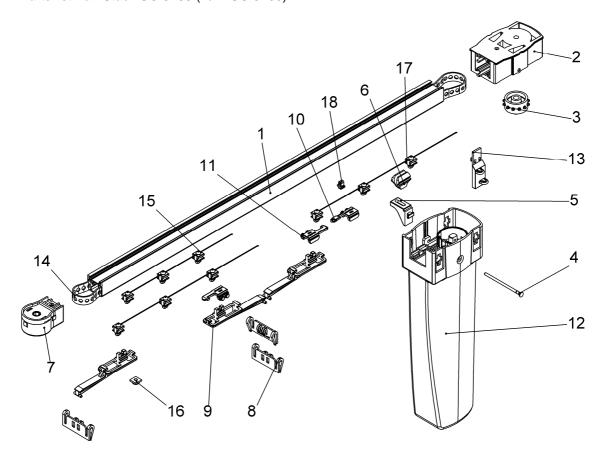
1.6.4 Parts list Single Stack SG 5400 (N/A: SG 5200)



17	Clip	100639800	Polypropylen PP	1
16	Motor AC	9020		1
15	Glider cord 60mm	100634500		1
14	Driving belt	5130	Polyester fabrics	1
13	Glider cord 80mm	100634600		1
12	Mask	5110	POM	1
11	Master carrier	100636700	Delrin 527 UV NC-010	1
10	Carrier	100636800	Delrin 527 UV NC-010	1
9	Extension	100636400	Hostaform C 9021 GV1/30	1
8	Hanger	100636500	Ultraform N2320 U03	1
7	Belt return	2193		1
6	Spring stop	6086	POM, white	1
5	Support	5147	POM	1
4	Securing pin	5149	PA 66 Grivory GV-5H/6855	1
3	Driving wheel	5152	Crastin S600 F20 NC10	1
2	Case gear drive	5186	POM, white RAL 9016	1
1	Profile	2191	AlMgSi 0.5	1
Pos. Pos.	Title Title	Teilenummer part number	Werkstoff Material	Stück Piece



1.6.5 Parts list Pair Stack SG 5400 (N/A: SG 5200)

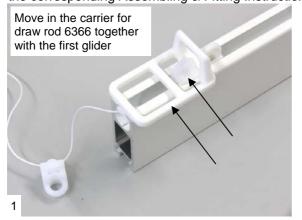


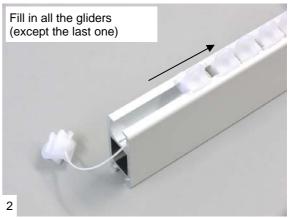
18	Clip	100639800	Polypropylen PP	1
17	Glider cord 80mm	100634600		2
16	End stop	6013		1
15	Glider cord 60mm	100634500		2
14	Driving belt	5130	Polyester fabrics	1
13	Mask	5110	POM	1
12	Motor AC	9020		1
11	Master carrier	100636700	Delrin 527 UV NC-010	2
10	Carrier	100636800	Delrin 527 UV NC-010	1
9	Extension	100636400	Hostaform C 9021 GV1/30	3
8	Hanger	100636500	Ultraform N2320 U03	3
7	Belt return	2193		1
6	Spring stop	6086	POM, white	1
5	Support	5147	POM	1
4	Securing pin	5149	PA 66 Grivory GV-5H/6855	1
3	Driving wheel	5152	Crastin S600 F20 NC10	1
2	Case gear drive	5186	POM, white RAL 9016	1
1	Profile	2191	AlMgSi 0.5	1
Pos. Pos.	Title Title	Teilenummer part number	Werkstoff Material	Stück Piece

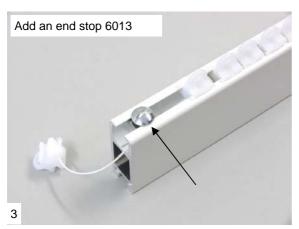


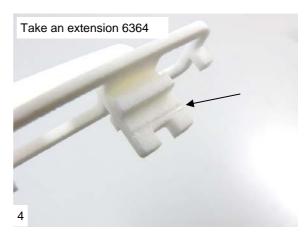
1.7 Assembling of System

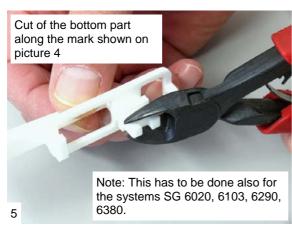
1.7.1 Assembling SG 6100 – <u>Single Stack</u> (N/A: SG 6020, 6103, 6292, 6380). Profile cutting according to the corresponding Assembling & Fitting Instruction.

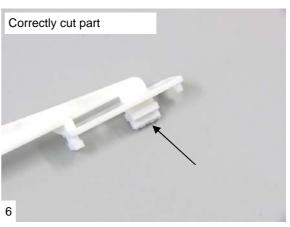


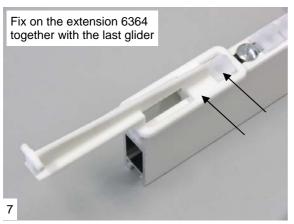






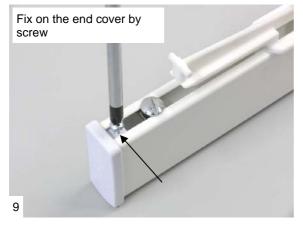


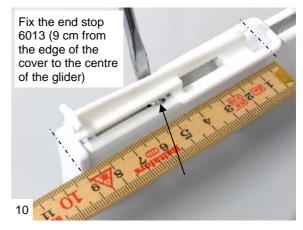


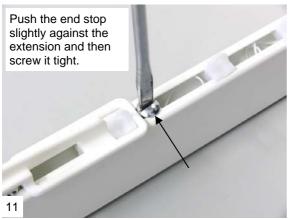


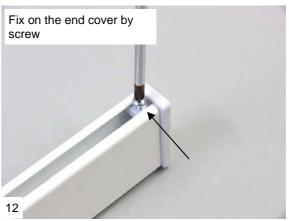


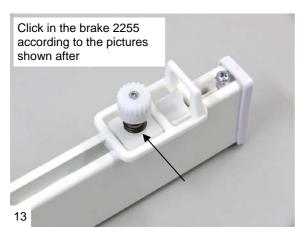


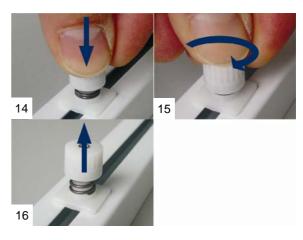


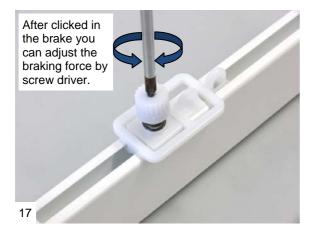












Finish:

- Check the movement of the gliders together with the carrier for draw rod
- Check the friction of brake 2255
- Check if everything is correctly screwed

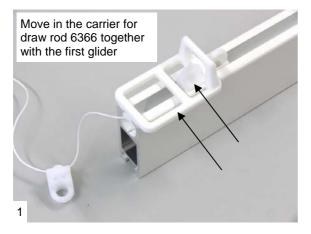
Remark

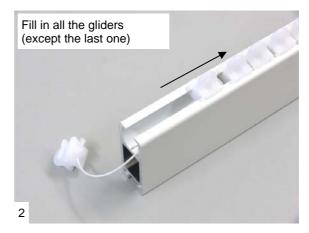
Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

19

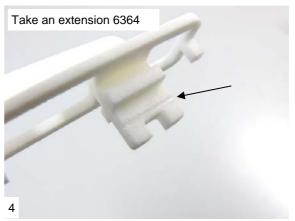
Assembling SG 3840 - Pair Stack

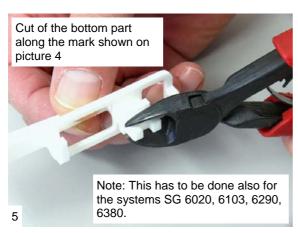


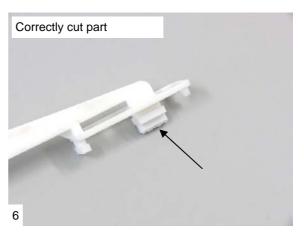


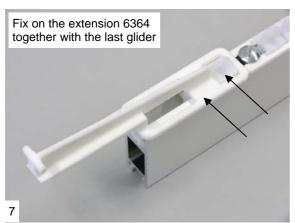


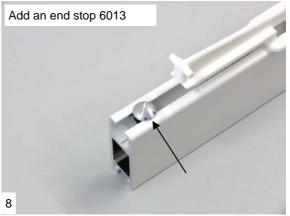




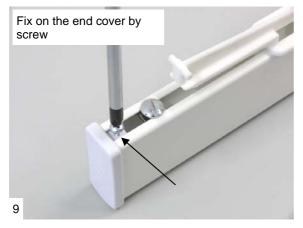


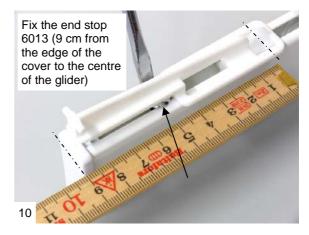


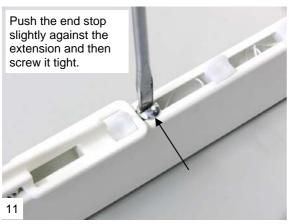


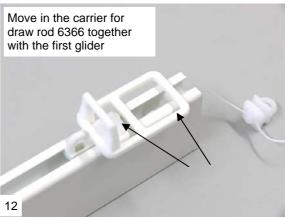






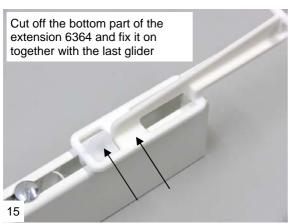








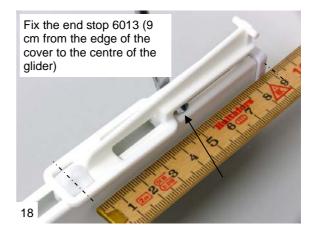


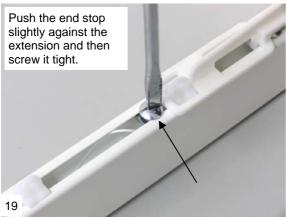


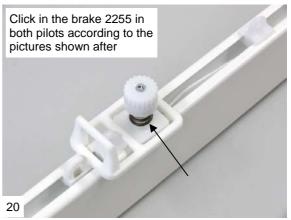


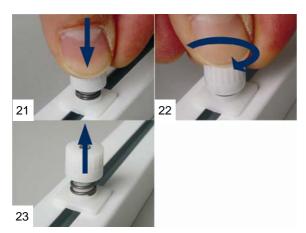


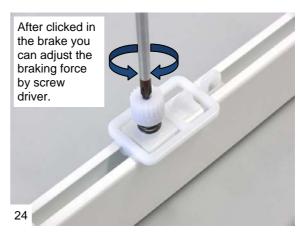


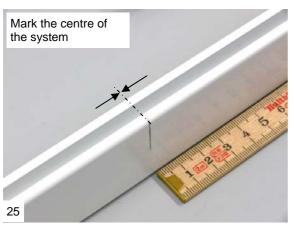


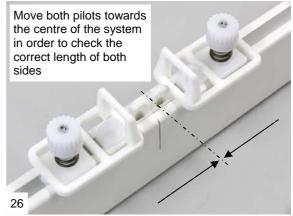














- Check the movement of the gliders together with the carrier for draw rod
- Check the friction of brake 2255
- Check if everything is correctly screwed

Remark:

Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

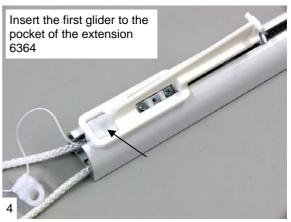
27

1.7.2 Assembling SG 3840 – <u>Single Stack</u> (N/A: SG 6120). Profile cutting according to the corresponding Assembling & Fitting Instruction.









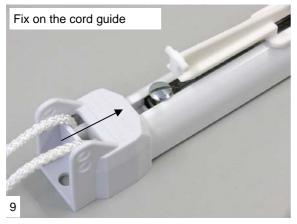


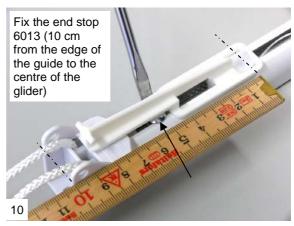


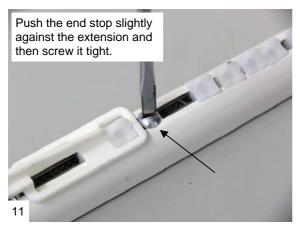


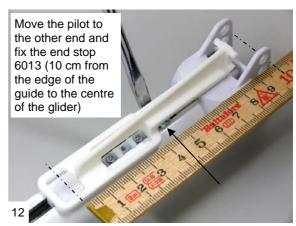












- Check the movement of the gliders together with the extensions
- Check if everything is correctly screwed

Remark

Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

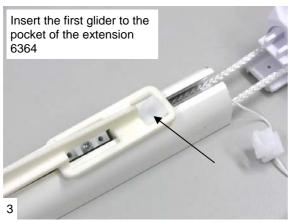
13



Assembling SG 3840 - Pair Stack





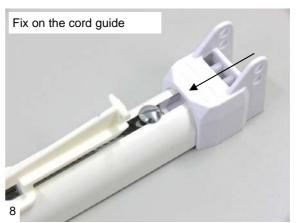




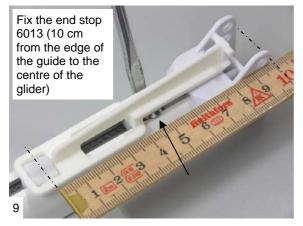


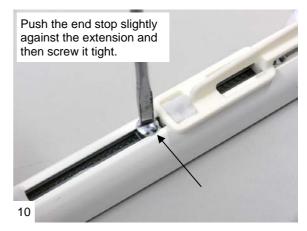


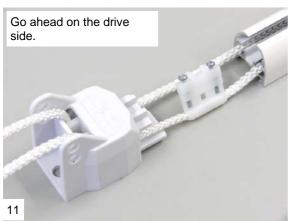


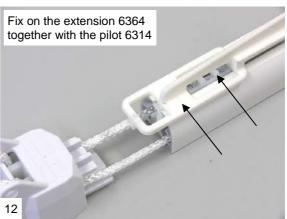


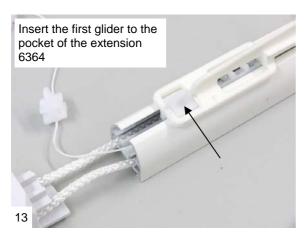






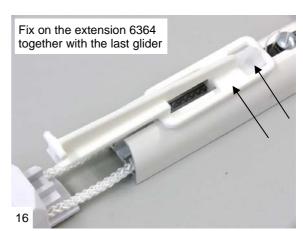






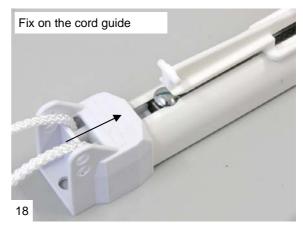


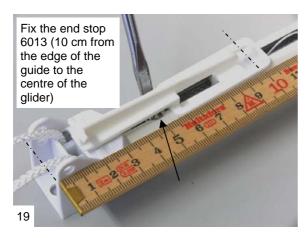


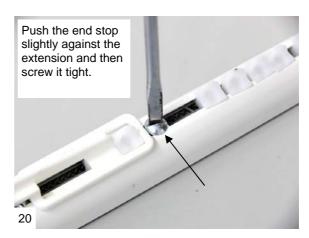


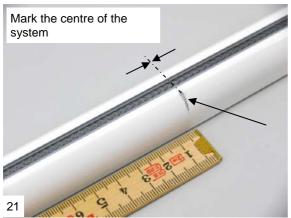


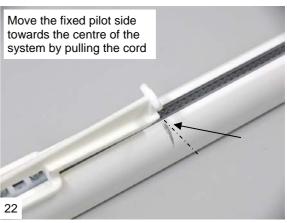


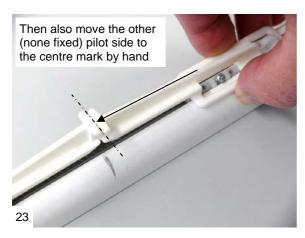


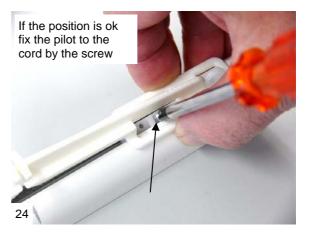














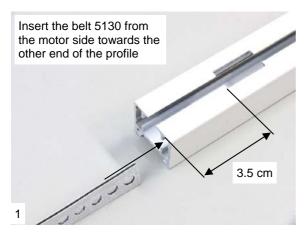
- Check the movement of the gliders together with the extensions
- Check if everything is correctly screwed

Remark

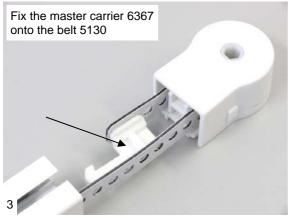
Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

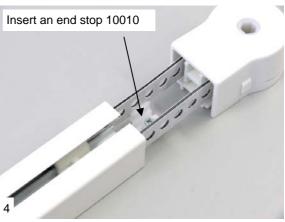
25

1.7.3 Preparation for Assembling SG 5090 – <u>Single Stack</u>. Profile cutting according to the corresponding Assembling & Fitting Instruction.

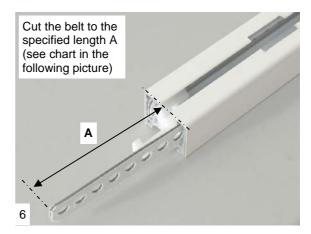




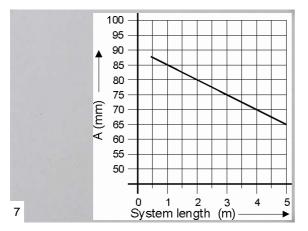


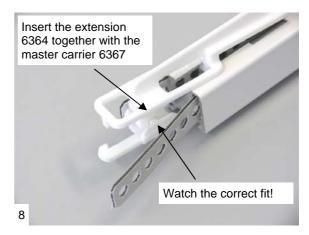


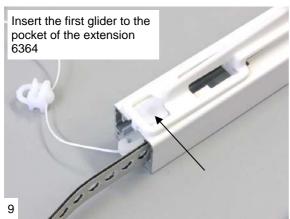


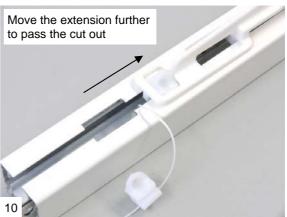


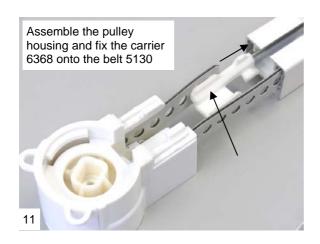


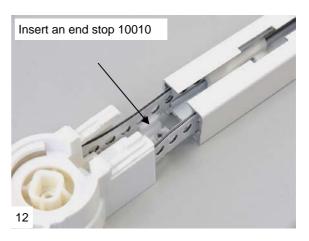


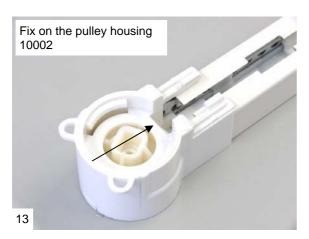


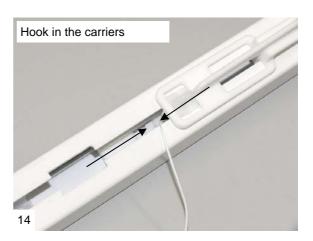




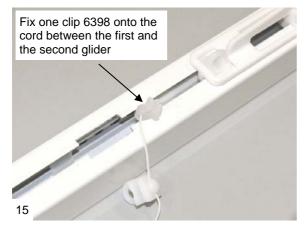


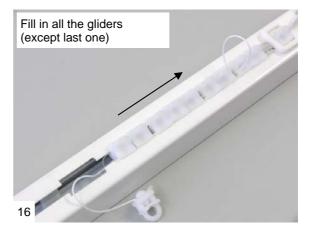


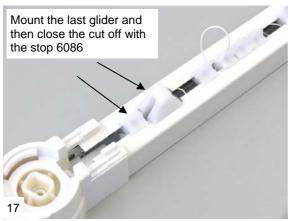


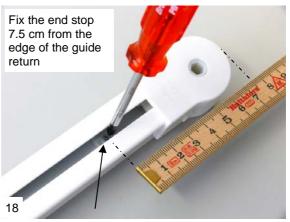


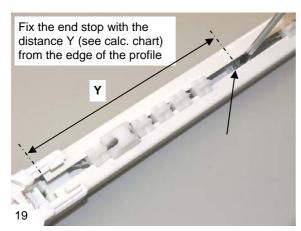




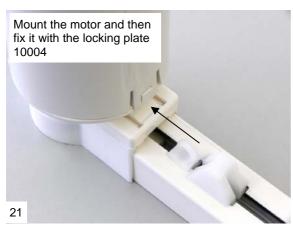












- Check the movement of the gliders together with the extensions
- Check the correct position and function of the end stops
- Check if everything is correctly screwed

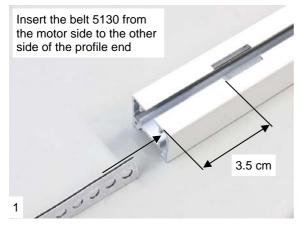
Remark

Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

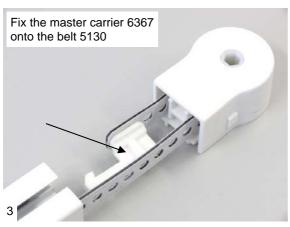
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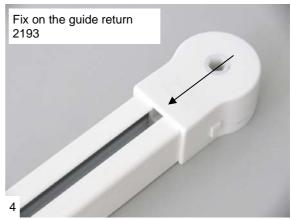


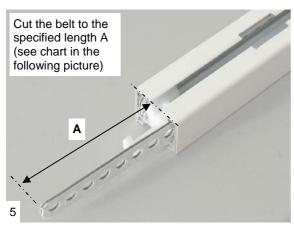
Assembling SG 5090 - Pair Stack

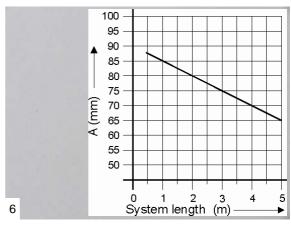


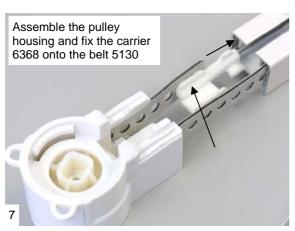






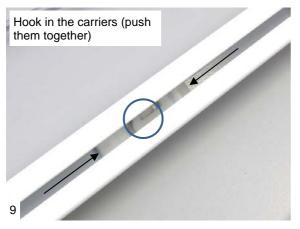


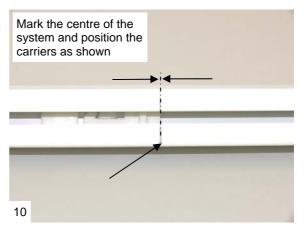




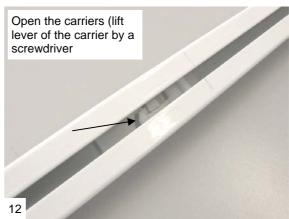


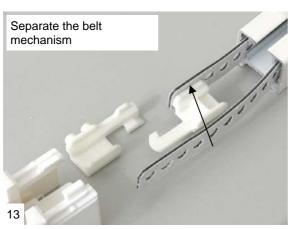




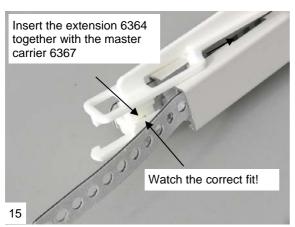


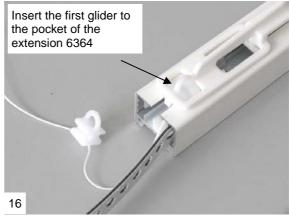




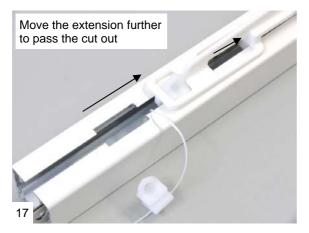


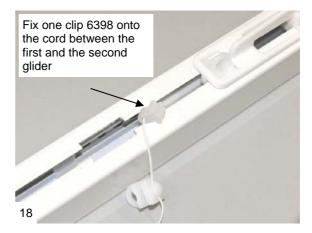


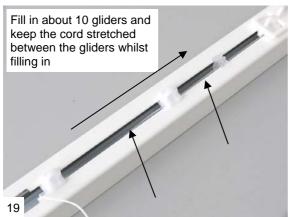


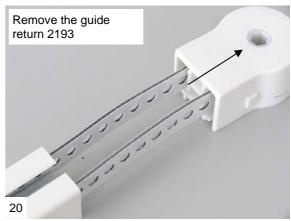


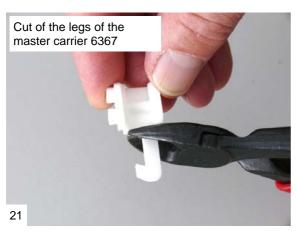


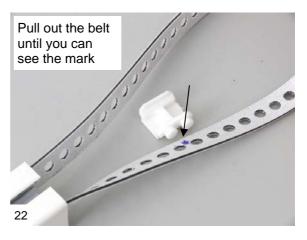


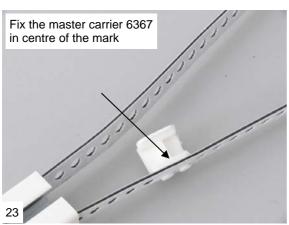


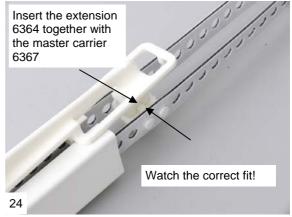




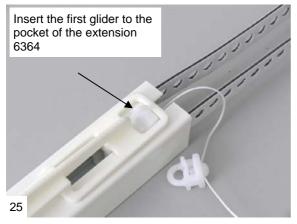


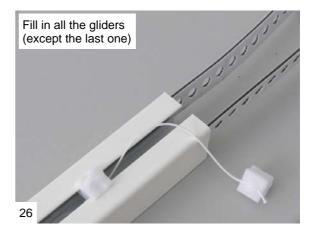


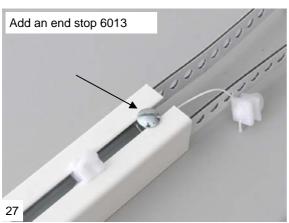


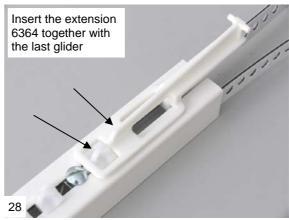




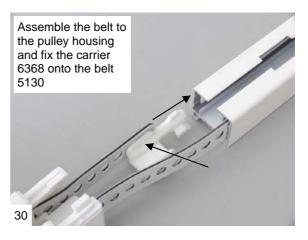


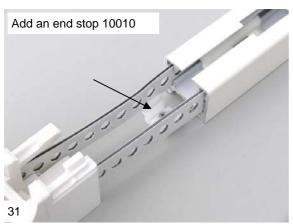








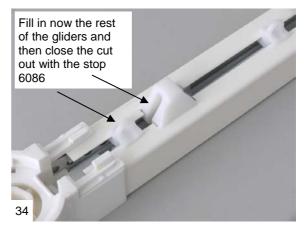




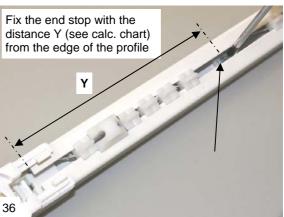






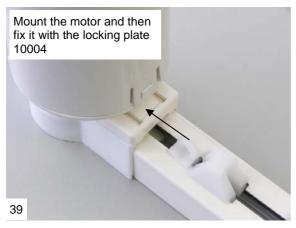












- Check the movement of the gliders together with the extensions
- Check the correct position and function of the end stops
- Check if everything is correctly screwed

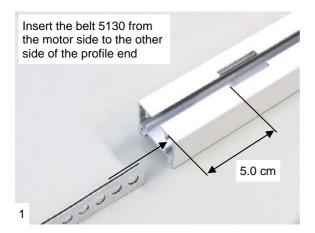
Remark

Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

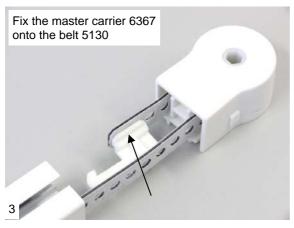
40

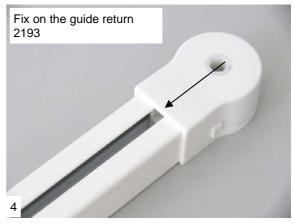


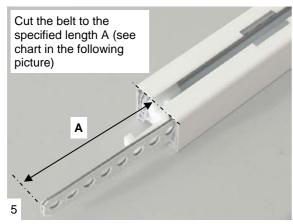
1.7.4 Preparation for Assembling SG 5400 – <u>Single Stack</u>. Profile cutting according to the corresponding Assembling & Fitting Instruction.

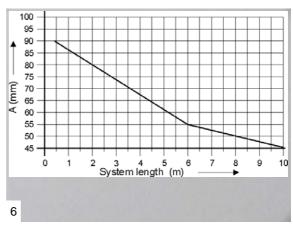


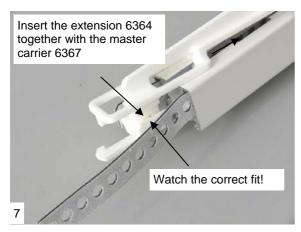


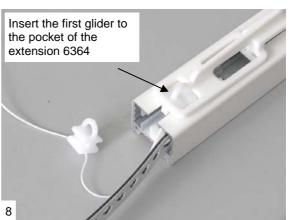




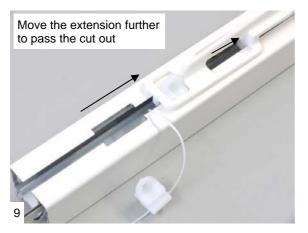






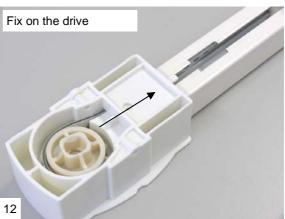


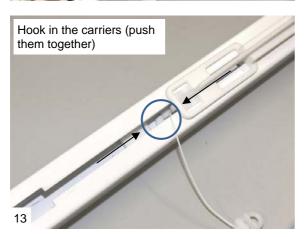


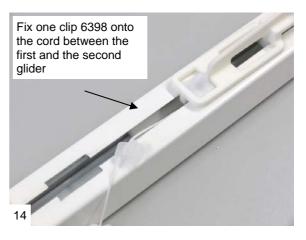










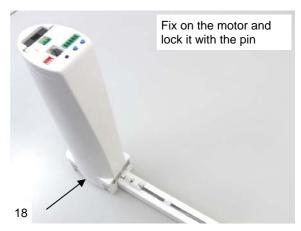












Finish:

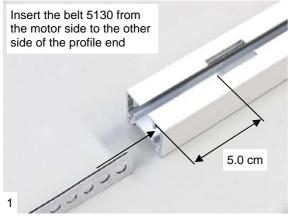
- Adjust the end limit (motor settings)
 Check the movement of the gliders together with the extensions
- Check the correct position of the end stops
- Check if everything is correctly screwed

Remark:

Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

19

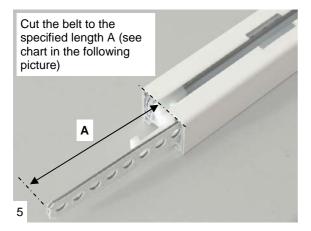
Assembling SG 5400 - Pair Stack

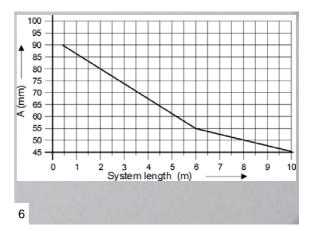




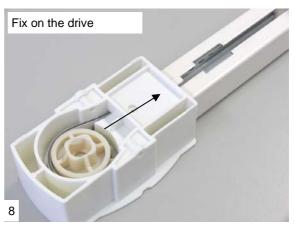


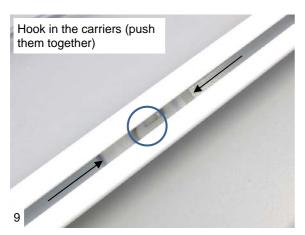


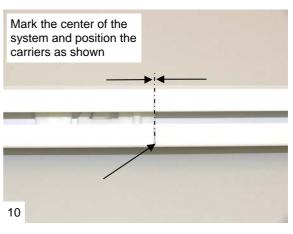


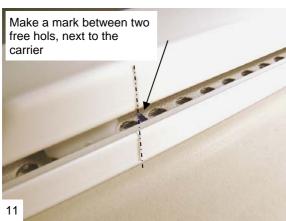


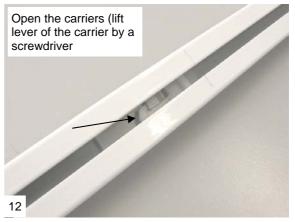






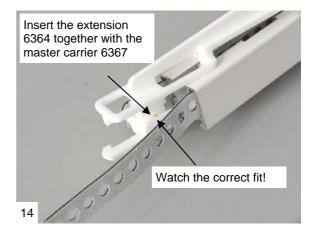


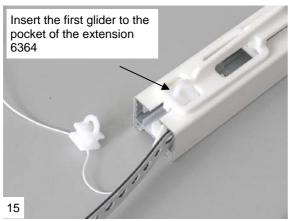




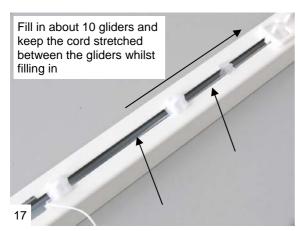






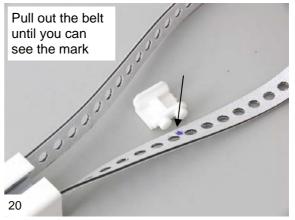




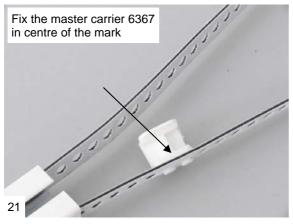


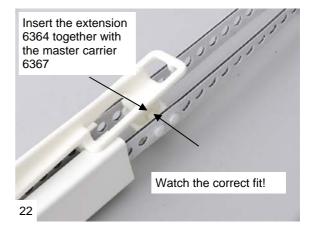


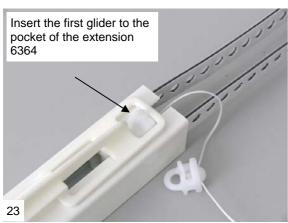




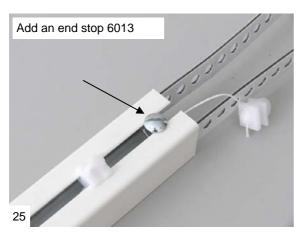


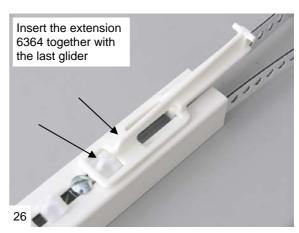










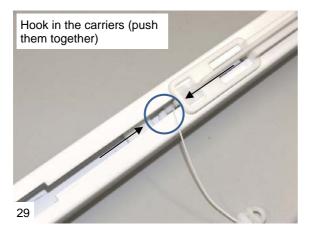


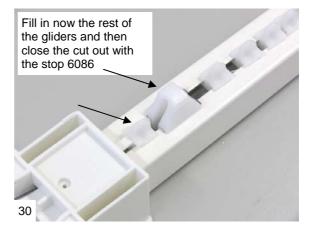
Fill in about 10 gliders and keep the cord stretched between the gliders whilst filling in

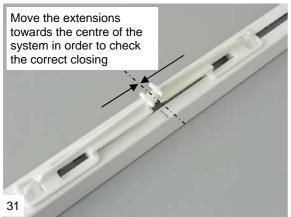




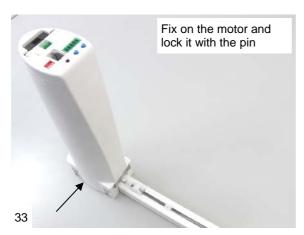












Finish

- Adjust the end limit (motor settings)
- Check the movement of the gliders together with the extensions
- Check the correct position of the end stops
- Check if everything is correctly screwed

Remark:

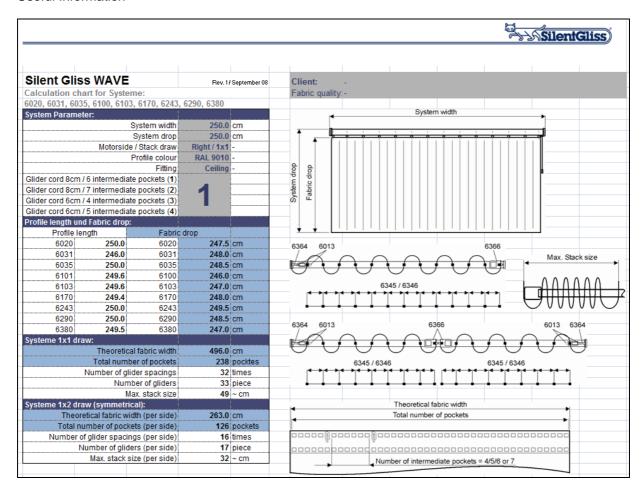
Send out the system in condition "glider cord stretched". This will help to avoid that the cord and the gliders can get entangled.

34



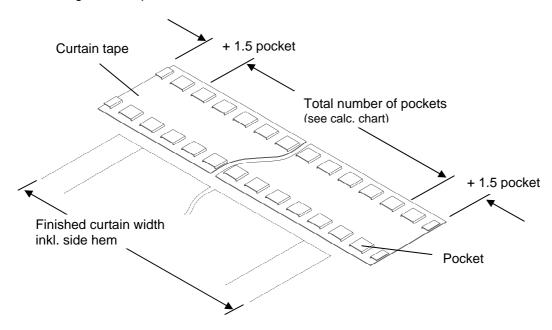
Sewing

1.8 Useful Information



1.9 Fabric Confectioning

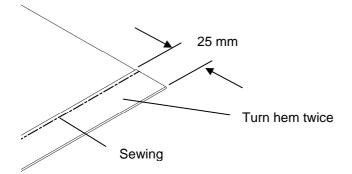
1.9.1 Cutting curtain tape 6349



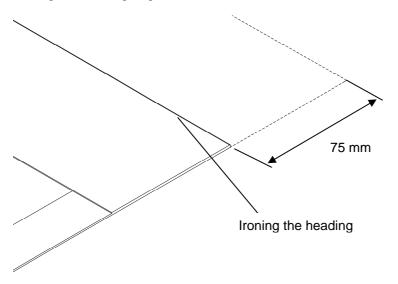
Note: Raw fabric width is approx. 20 cm more than the finished curtain width.

1.9.2 Sewing side hem (only one side)

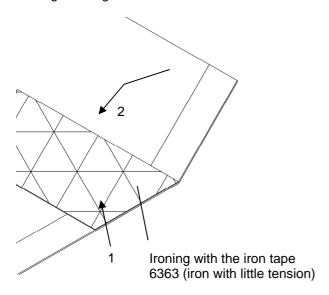




1.9.3 Ironing the heading edge



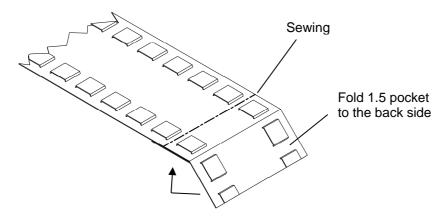
1.9.4 Ironing heading



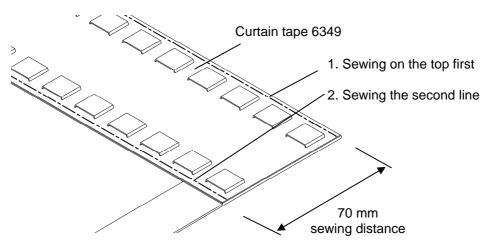
- 1 Bring on the iron tape 6363
- 2 Fold down the hem and ironing it together



1.9.5 Prepare the curtain tape 6349



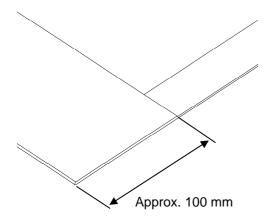
1.9.6 Sew on the curtain tape 6349

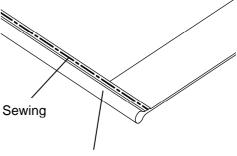


Note: Sew both lines and stop 10 cm before the end of the curtain tape, on the other side! Then cut the fabric to the correct width and finish the second side hem.

1.9.7 Preparing the **side and bottom hem**: There are different possibilities:

- a) Fabric hems (side/bottom)
- b) Fabric hem with lead weight for the bottom hem

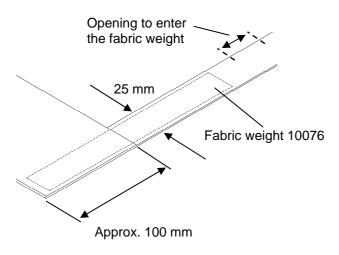




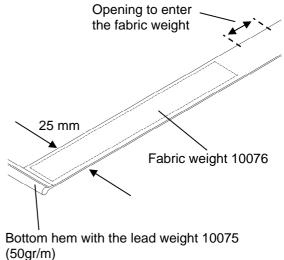
Bottom hem with the lead weight 10075 (50gr/m)



c) Fabric hems (side/bottom) with fabric weight 10076 (option)



d) Fabric hem with lead weight for the bottom hem (option)

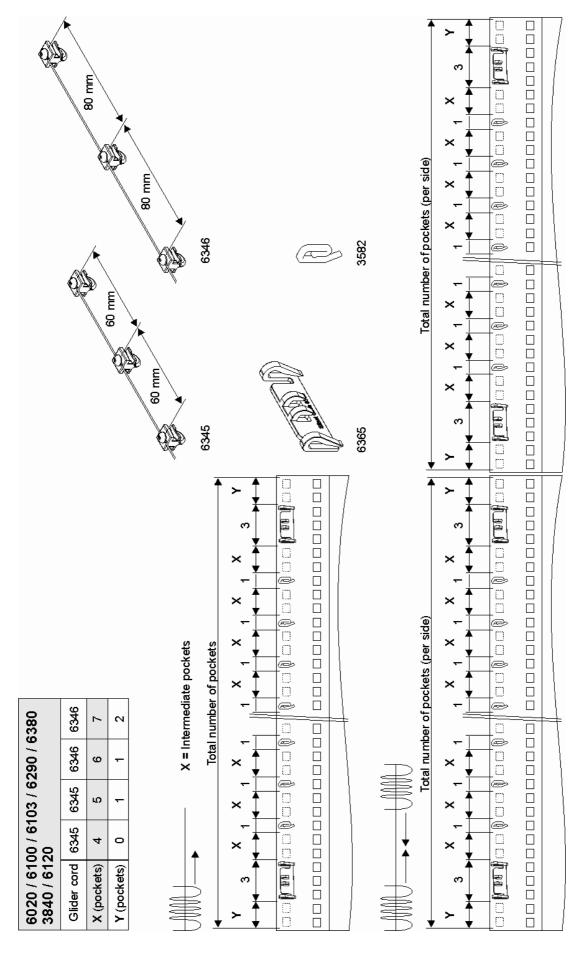


Note:

- For heavy fabrics version a) gives the best result. For light fabrics version b)
- The versions c) d) with the fabric weight will help to improve the fabric finish on the bottom part.

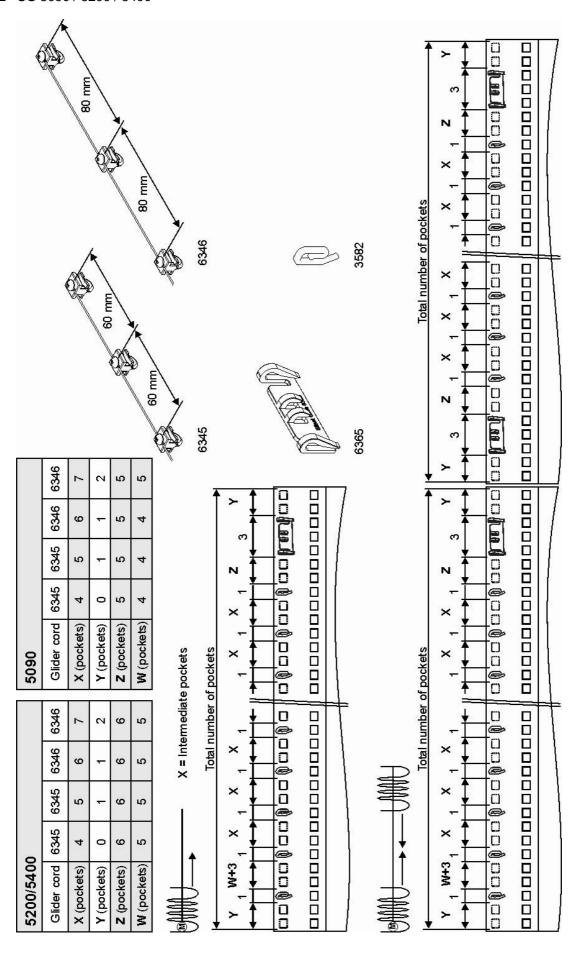


1.10 Curtain Hooking1.10.1 SG 6020 / 6100 / 6103 / 6290 / 6380 / 3840 / 6120





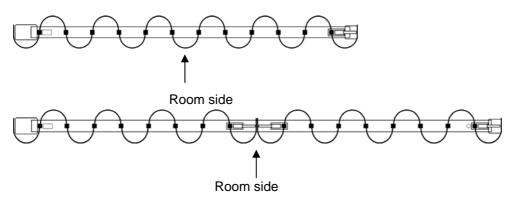
1.10.2 SG 5090 / 5200 / 5400

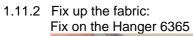




1.11 Curtain Fitting1.11.1 Basic Wave look

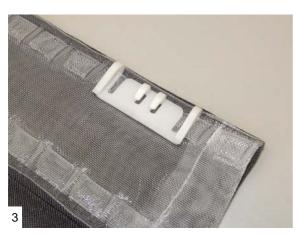
The Wave has to start towards room side on both ends



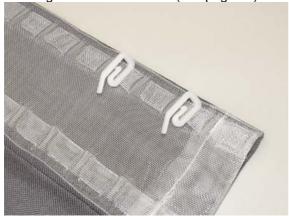








Hooking motor side for 5090 (see page 47)



Hooking motor side for 5200/5400 (see page 47)





Hook the hanger on the extension (sample)



Hook the hanger on the extension (sample)



Fix the hook on the glider (sample)





Fabric fixing motor side for SG 5090 (sample)



Fabric fixing motor side for SG 5090 (sample)



Fabric fixing motor side for SG5200/5400 (sample)





Fabric finish on track end (sample)



Fabric finish on 1x2 draw (sample)



Fabric finish on track end (sample)



Fabric finish on 1x2 draw (sample)



1.11.3 Fabric washing
The fabric can be washed together with the hangers and hooks



Notes:



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