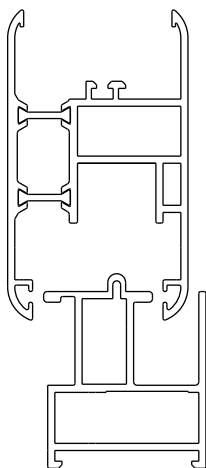
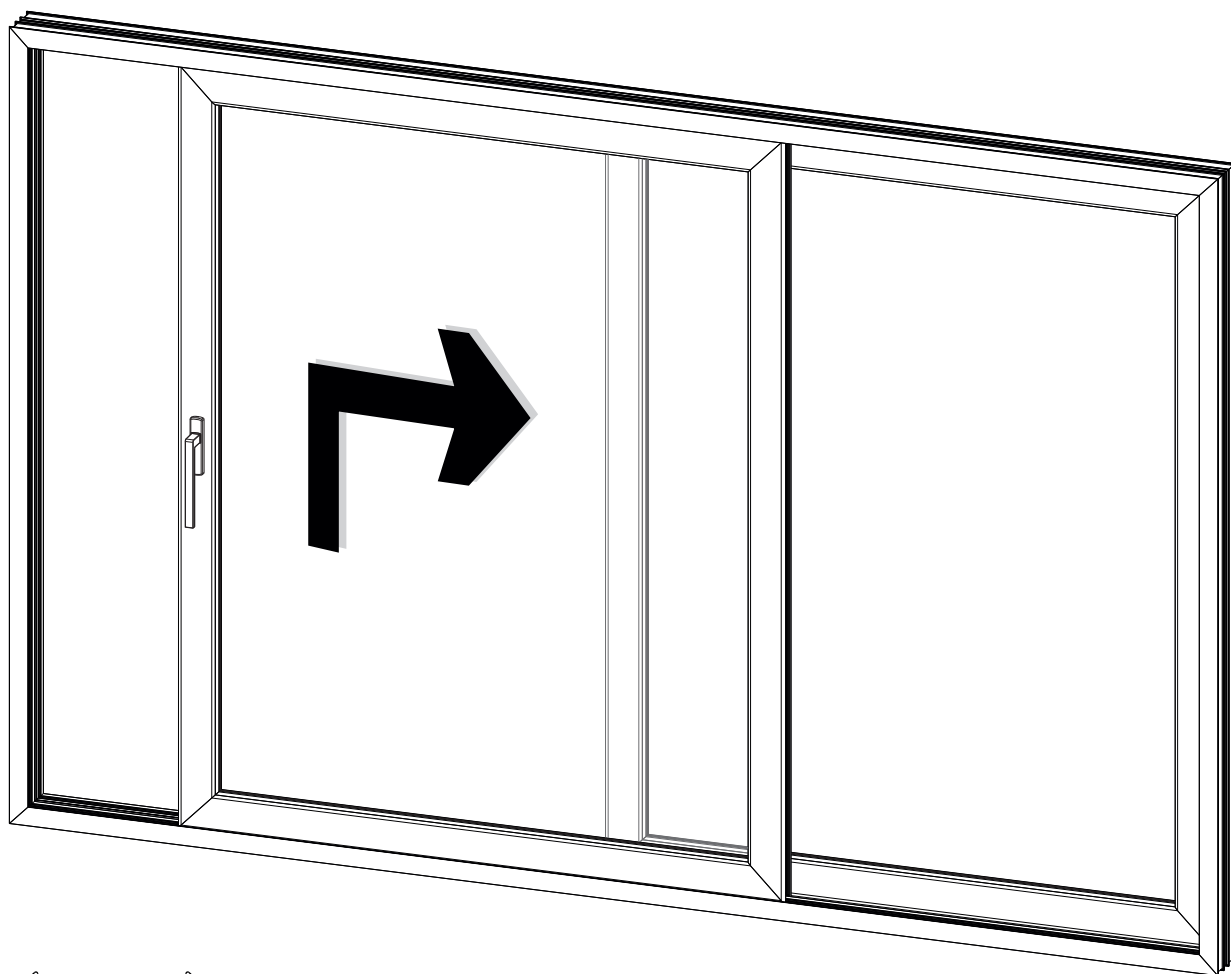
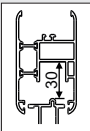
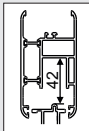
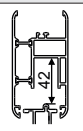


GS3000 PLUS



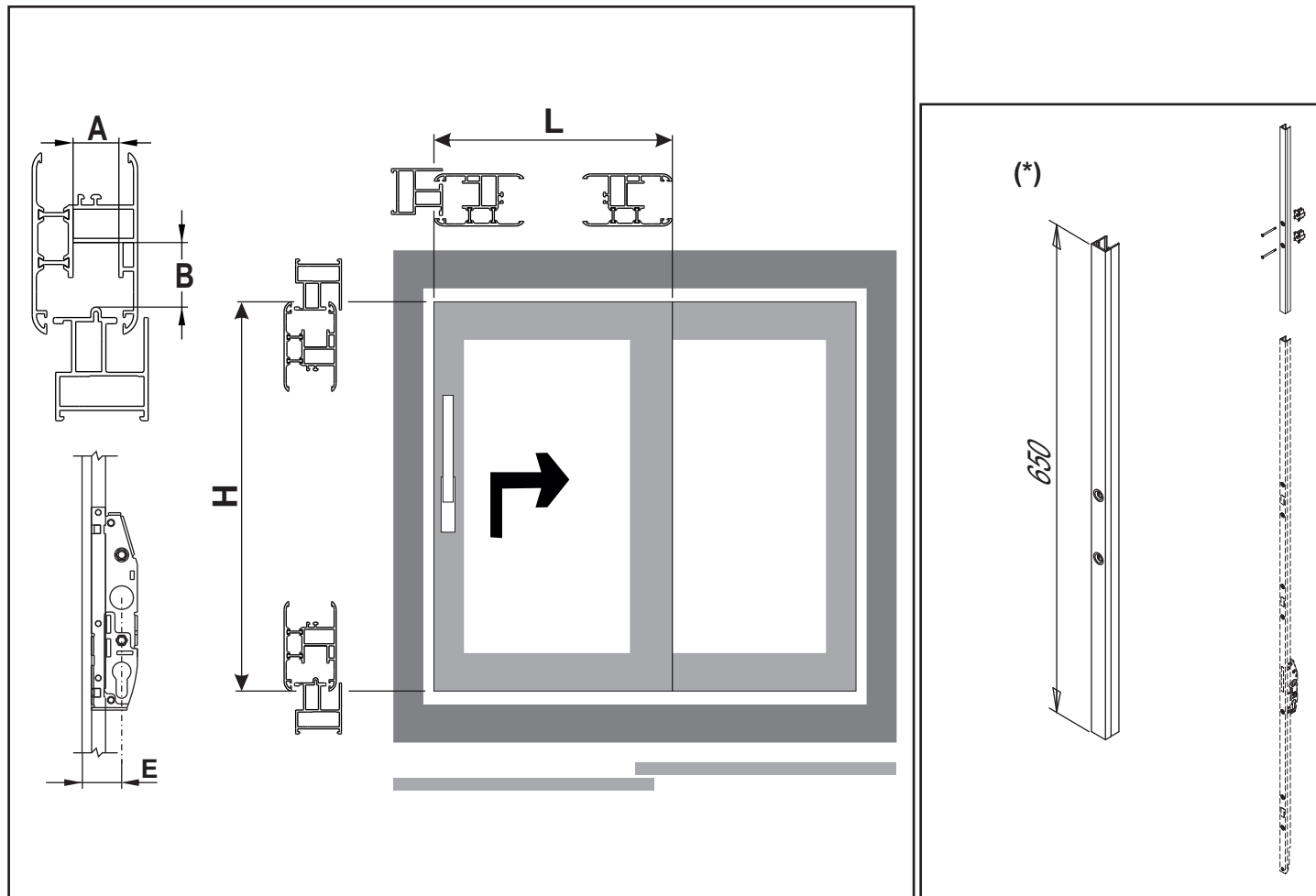
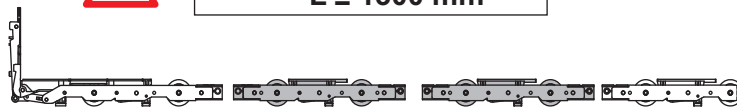
DATI TECNICI - TECHNICAL DATA - DATOS TECNICOS

		P ≤ 150 kg 	P ≤ 150 kg 	P ≤ 300 kg P = 300 ÷ 400 kg (**) 
Larghezza anta Sash width Longitud hoja	L	600 ÷ 2400 mm	600 ÷ 2400 mm	720 ÷ 3350 mm 1300 ÷ 3350 mm (**)
Altezza anta Sash height Altura hoja	H	1150 ÷ 3100 mm 1150 ÷ 3750 mm (*)	1150 ÷ 3100 mm 1150 ÷ 3750 mm (*)	1150 ÷ 3100 mm 1150 ÷ 3750 mm (*)
Max peso anta Max sash weight Peso Max hoja	P	150 kg	150 kg	300 kg
Carrello Carriage Rodamiento		150/22 A=22 mm B=30 mm	150/18 A=22 mm B=42 mm	300/22 A=22 mm B=42 mm
Asta di comando Drivegear Varilla de mando		E=27,5 mm / 37,5 mm	E=27,5 mm / 37,5 mm	E=27,5 mm / 37,5 mm
Maniglia Handle Manilla		LS 240	LS 240	LS 240

I campi di applicazione del prodotto dipendono dal profilo utilizzato.
 Attenersi alle prescrizioni del produttore di profilo.
 Range of application is depending on used profile system.
 Specification of profile manufacturers to be observed.
 El margen aplicativo del producto depende del perfil utilizado.
 Atenerse a la prescripción de parte del productor de perfiles.

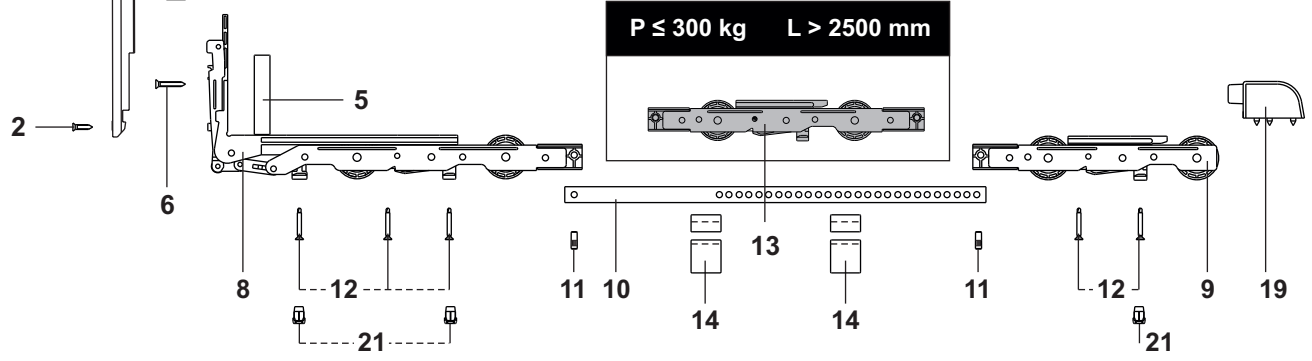
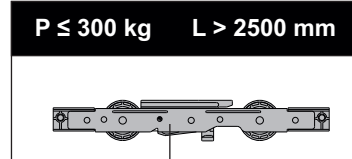
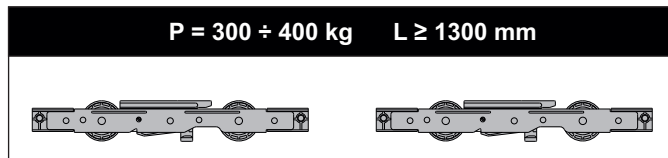
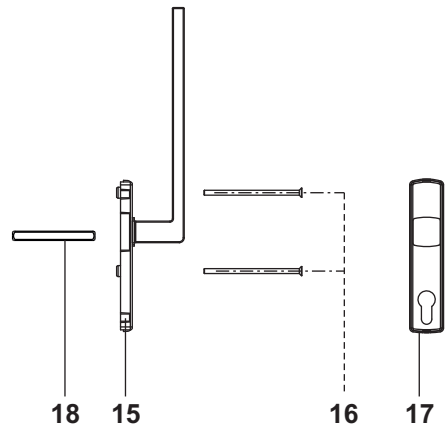
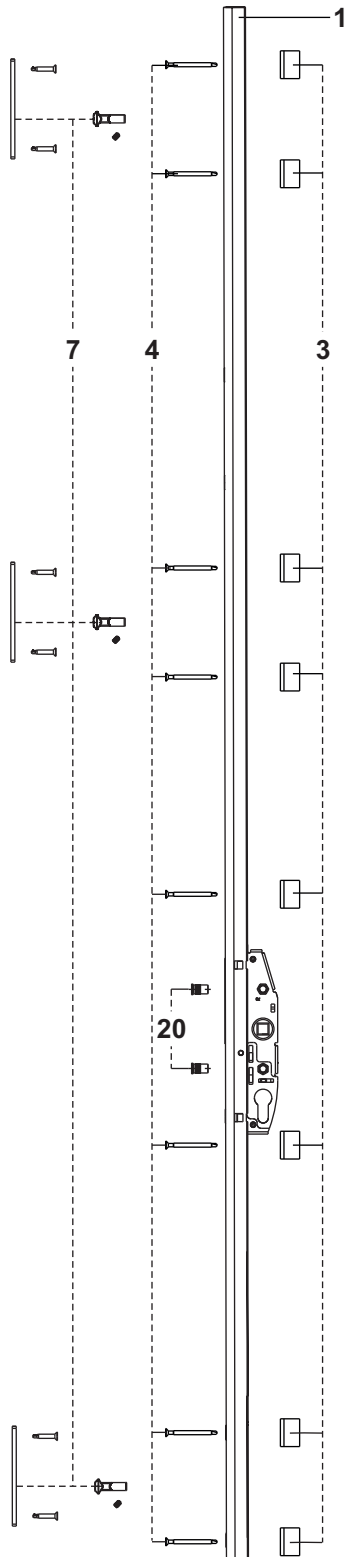


(**) P = 300 ÷ 400 kg
L ≥ 1300 mm

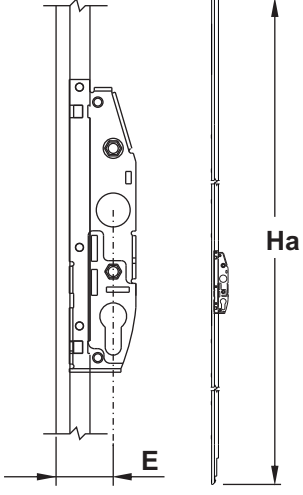
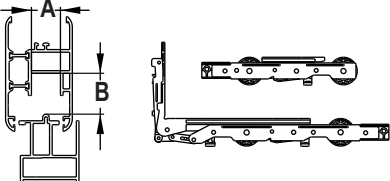
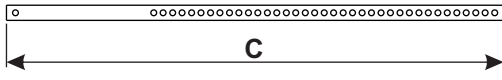
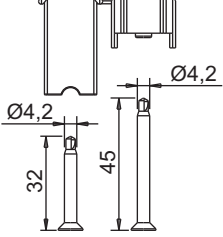
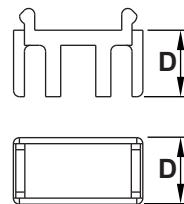
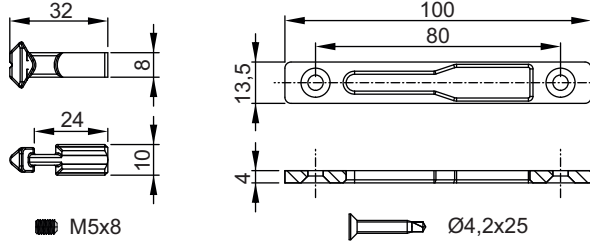
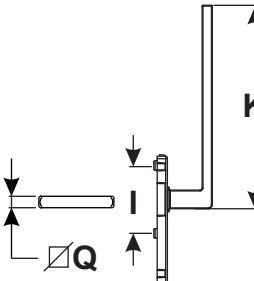

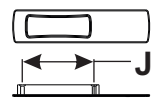


COMPONENTI - COMPONENTS - COMPONENTES

	Italiano	English	Español
1	Asta comando	Drivegear	Varilla de mando
2	Vite collegamento asta-carrello 4,8x20 (UNI EN ISO 7050)	Drivegear/carriage screw 4,8x20 (UNI EN ISO 7050)	Tornillo de unión varilla-rodamiento 4,8x20 (UNI EN ISO 7050)
3	Spessori asta comando	Drivegear spacers	Espesores varilla de mando
4	Vite asta comando 4,2 (UNI EN ISO 15482)	Drivegear screw 4,2 (UNI EN ISO 15482)	Tornillo varilla de mando 4,2 (UNI EN ISO 15482)
5	Spessore carrello	Carriage spacer	Espesor rodamiento
6	Vite spessore carrello 4,8x30 (UNI EN ISO 7050)	Carriage spacer screw 4,8x30 (UNI EN ISO 7050)	Tornillo espesor rodamiento 4,8x30 (UNI EN ISO 7050)
7	Punto di chiusura (nasello e contropiastra)	Locking point (nib and counterplate)	Punto de cierre (gancho y cerradero)
8	Carrello principale	Main carriage	Rodamiento principal
9	Carrello secondario	Secondary carriage	Rodamiento secundario
10	Asta collegamento carrelli	Carriages connecting rod	Varilla de unión rodamiento
11	Spina di collegamento	Connecting pin	Pasador de conexión
12	Viti fissaggio carrello principale 4,2x32 (UNI EN ISO 15482)	Corner drive fixing screw 4,2x32 (UNI EN ISO 15482)	Tornillos de fijación rodamiento principal 4,2x32 (UNI EN ISO 15482)
13	Carrello centrale	Middle carriage	Rodamiento central
14	Guida asta di collegamento	Carriages connecting rod guide	Guía varilla de unión
15	Martellina	Handle	Manilla
16	Viti maniglia M5x65 (UNI EN ISO 7046)	Handle screws M5x65 (UNI EN ISO 7046)	Tornillos manilla M5x65 (UNI EN ISO 7046)
17	Cover maniglia	Handle cover	Cover manilla
18	Perno quadro maniglia	Handle square pin	Perno cuadrado manilla
19	Tampone arresto anta	Sash bumper	Tampón tope hoja
20	Inserto	Insert	Varilla roscada
21	Freno carrello	Carriage brake	Freno rodamiento



1. SCELTA DEL MODELLO - PRODUCT SETTING - SELECCION MODELO

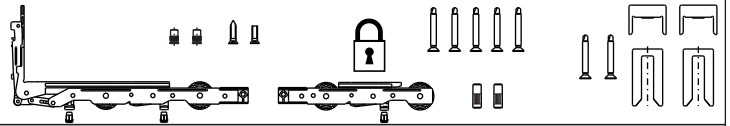
<p>ASTE DI COMANDO DRIVEGEAR VARILLAS DE MANDO</p>		<table border="1"> <thead> <tr> <th>Mod.</th> <th>E (mm)</th> <th>Ha (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td rowspan="6">27,5</td> <td>170</td> <td>27,5</td> <td>1680</td> <td>X</td> <td>X</td> </tr> <tr> <td>190</td> <td>27,5</td> <td>1880</td> <td>X</td> <td>X</td> </tr> <tr> <td>200</td> <td>27,5</td> <td>1980</td> <td>X</td> <td>X</td> </tr> <tr> <td>230</td> <td>27,5</td> <td>2280</td> <td>X</td> <td>X</td> </tr> <tr> <td>260</td> <td>27,5</td> <td>2580</td> <td>X</td> <td>X</td> </tr> <tr> <td>300</td> <td>27,5</td> <td>2980</td> <td>X</td> <td>X</td> </tr> <tr> <td rowspan="6">37,5</td> <td>170</td> <td>37,5</td> <td>1680</td> <td>X</td> <td>X</td> </tr> <tr> <td>190</td> <td>37,5</td> <td>1880</td> <td>X</td> <td>X</td> </tr> <tr> <td>200</td> <td>37,5</td> <td>1980</td> <td>X</td> <td>X</td> </tr> <tr> <td>230</td> <td>37,5</td> <td>2280</td> <td>X</td> <td>X</td> </tr> <tr> <td>260</td> <td>37,5</td> <td>2580</td> <td>X</td> <td>X</td> </tr> <tr> <td>300</td> <td>37,5</td> <td>2980</td> <td>X</td> <td>X</td> </tr> </tbody> </table>	Mod.	E (mm)	Ha (mm)	150 kg	300/400 kg	27,5	170	27,5	1680	X	X	190	27,5	1880	X	X	200	27,5	1980	X	X	230	27,5	2280	X	X	260	27,5	2580	X	X	300	27,5	2980	X	X	37,5	170	37,5	1680	X	X	190	37,5	1880	X	X	200	37,5	1980	X	X	230	37,5	2280	X	X	260	37,5	2580	X	X	300	37,5	2980	X	X
Mod.	E (mm)	Ha (mm)	150 kg	300/400 kg																																																																	
27,5	170	27,5	1680	X	X																																																																
	190	27,5	1880	X	X																																																																
	200	27,5	1980	X	X																																																																
	230	27,5	2280	X	X																																																																
	260	27,5	2580	X	X																																																																
	300	27,5	2980	X	X																																																																
37,5	170	37,5	1680	X	X																																																																
	190	37,5	1880	X	X																																																																
	200	37,5	1980	X	X																																																																
	230	37,5	2280	X	X																																																																
	260	37,5	2580	X	X																																																																
	300	37,5	2980	X	X																																																																
<p>CARRELLI CARRIAGES RODAMIENTOS</p>		<table border="1"> <thead> <tr> <th>Mod.</th> <th>A (mm)</th> <th>B (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td>150/22</td> <td>22</td> <td>30</td> <td>X</td> <td></td> </tr> <tr> <td>150/18</td> <td>22</td> <td>42</td> <td>X</td> <td></td> </tr> <tr> <td>300/22</td> <td>22</td> <td>42</td> <td></td> <td>X</td> </tr> </tbody> </table>	Mod.	A (mm)	B (mm)	150 kg	300/400 kg	150/22	22	30	X		150/18	22	42	X		300/22	22	42		X																																															
Mod.	A (mm)	B (mm)	150 kg	300/400 kg																																																																	
150/22	22	30	X																																																																		
150/18	22	42	X																																																																		
300/22	22	42		X																																																																	
<p>ASTA COLLEG. CARRELLI CARRIAGES CONN. ROD VARILLA DE UNIÓN RODAMIENTOS</p>		<table border="1"> <thead> <tr> <th>C (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td>900</td> <td>X</td> <td>X</td> </tr> <tr> <td>1400</td> <td>X</td> <td>X</td> </tr> <tr> <td>1900</td> <td>X</td> <td>X</td> </tr> </tbody> </table>	C (mm)	150 kg	300/400 kg	900	X	X	1400	X	X	1900	X	X																																																							
C (mm)	150 kg	300/400 kg																																																																			
900	X	X																																																																			
1400	X	X																																																																			
1900	X	X																																																																			
<p>DISTANZIALE ANTA FISSA FIXED SASH SPACER ESPESOR HOJA FIJA</p>		<p>SPESSORI SPACERS ESPESORES</p> 	<table border="1"> <thead> <tr> <th>D (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr><td>11</td><td>X</td><td>X</td></tr> <tr><td>14</td><td>X</td><td>X</td></tr> <tr><td>16</td><td>X</td><td>X</td></tr> <tr><td>18</td><td>X</td><td>X</td></tr> <tr><td>21</td><td>X</td><td>X</td></tr> <tr><td>23</td><td>X</td><td>X</td></tr> <tr><td>25</td><td>X</td><td>X</td></tr> <tr><td>30</td><td>X</td><td>X</td></tr> </tbody> </table>	D (mm)	150 kg	300/400 kg	11	X	X	14	X	X	16	X	X	18	X	X	21	X	X	23	X	X	25	X	X	30	X	X																																							
D (mm)	150 kg	300/400 kg																																																																			
11	X	X																																																																			
14	X	X																																																																			
16	X	X																																																																			
18	X	X																																																																			
21	X	X																																																																			
23	X	X																																																																			
25	X	X																																																																			
30	X	X																																																																			
<p>PUNTI DI CHIUSURA LOCKING POINTS PUNTOS DE CIERRE</p>	 <p>M5x8 Ø4,2x25</p>	<table border="1"> <thead> <tr> <th></th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> </tr> </tbody> </table>		150 kg	300/400 kg					X	X																																																										
	150 kg	300/400 kg																																																																			
	X	X																																																																			
<p>MANIGLIE MARTELLINE HANDLE WINDOW HANDLE MANILLA MARTELINA</p>		<table border="1"> <thead> <tr> <th>Mod.</th> <th>I (mm)</th> <th>Q (mm)</th> <th>K (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td>singola/single/singular LS240</td> <td>80</td> <td>10</td> <td>240</td> <td>X</td> <td>X</td> </tr> <tr> <td>singola/single/singular KEY LS240</td> <td>80</td> <td>10</td> <td>240</td> <td>X</td> <td>X</td> </tr> <tr> <td>doppia/double/doble KEY LS240</td> <td>80</td> <td>10</td> <td>240</td> <td>X</td> <td>X</td> </tr> </tbody> </table>	Mod.	I (mm)	Q (mm)	K (mm)	150 kg	300/400 kg	singola/single/singular LS240	80	10	240	X	X	singola/single/singular KEY LS240	80	10	240	X	X	doppia/double/doble KEY LS240	80	10	240	X	X	<table border="1"> <thead> <tr> <th>K (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td>240</td> <td>X</td> <td>X</td> </tr> <tr> <td>240</td> <td>X</td> <td>X</td> </tr> <tr> <td>240</td> <td>X</td> <td>X</td> </tr> </tbody> </table>	K (mm)	150 kg	300/400 kg	240	X	X	240	X	X	240	X	X																														
Mod.	I (mm)	Q (mm)	K (mm)	150 kg	300/400 kg																																																																
singola/single/singular LS240	80	10	240	X	X																																																																
singola/single/singular KEY LS240	80	10	240	X	X																																																																
doppia/double/doble KEY LS240	80	10	240	X	X																																																																
K (mm)	150 kg	300/400 kg																																																																			
240	X	X																																																																			
240	X	X																																																																			
240	X	X																																																																			
<p>TAMPONE ARRESTO ANTA SASH BUMPER TAMPÓN TOPE HOJA</p>		<p>VASCHETTA DI TRASCINAMENTO SLIDING GRIP UÑERO DE ARRASTRE</p> 	<table border="1"> <thead> <tr> <th>J (mm)</th> <th>150 kg</th> <th>300/400 kg</th> </tr> </thead> <tbody> <tr> <td>80</td> <td>X</td> <td>X</td> </tr> </tbody> </table>	J (mm)	150 kg	300/400 kg	80	X	X																																																												
J (mm)	150 kg	300/400 kg																																																																			
80	X	X																																																																			

2. CONFEZIONAMENTO - PACKAGING - EMBALAJE

ASTA DI
COMANDO
DRIVEGEAR
VARILLA DE
MANDO

CARRELLI
CARRIAGES
RODAMIENTOS

1 kit conf/ pack/ emb

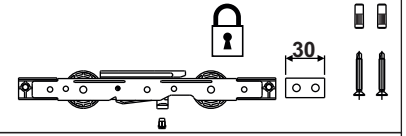


CARRELLO SUPPLEMENTARE
ADDITIONAL CARRIAGE
RODAMIENTO ADICIONAL

1 kit conf/ pack/ emb

**P ≤ 300 kg
L > 2500 mm** x1

**⚠ P = 300 ÷ 400 kg
L ≥ 1300 mm** x2



SPESSORI
SPACERS
ESPEORES

1 kit conf/ pack/ emb



PUNTI DI CHIUSURA
LOCKING POINTS
PUNTOS DE CIERRE

10 pz conf/pc pack/pz emb



CONTROPIASTRA
COUNTERPLATE
CERRADERO

10 pz conf/pc pack/pz emb



ASTA COLLEG. CARRELLI
CARRIAGES CONN. ROD
VARILLA DE UNIÓN
RODAMIENTOS

5 pz conf /pc pack/ pz emb

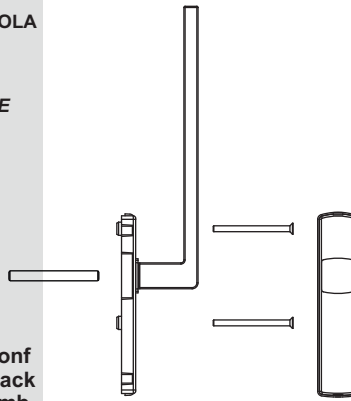


E = 37,5 mm



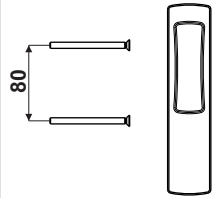
MANIGLIA/
MARTELLINA SINGOLA
SINGLE HANDLE/
WINDOW HANDLE
MANILLA/
MARTELLINA SIMPLE

1 pz conf
pc pack
pz emb



VASCETTA DI
TRASCINAMENTO
SLIDING GRIP
UNERO DE ARRASTRE

5 pz conf
pc pack
pz emb

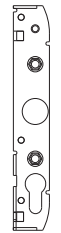


TAMPONE ARRESTO ANTA
SASH BUMPER
TAMPÓN TOPE HOJA

50 pz conf
pc pack
pz emb

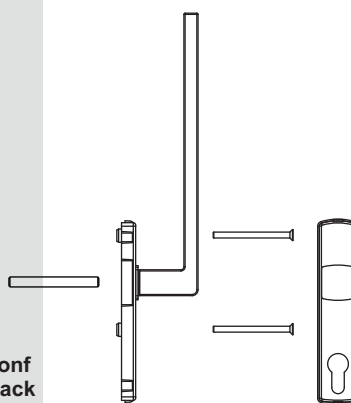


E = 27,5 mm



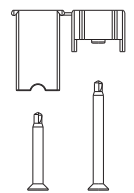
MANIGLIA
SINGOLA KEY
SINGLE KEY
HANDLE
MANILLA
SIMPLE KEY

1 pz conf
pc pack
pz emb



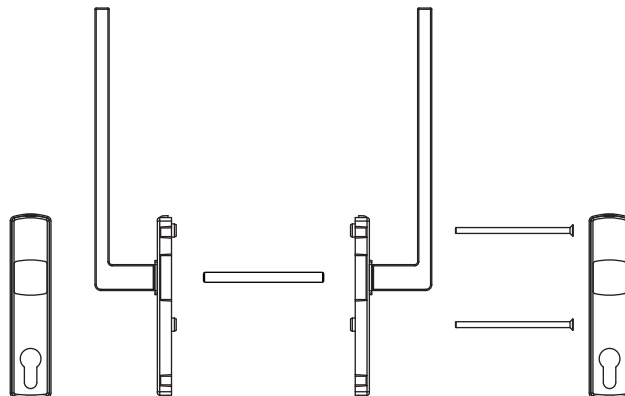
DISTANZIALE ANTA FISSA
FIXED SASH SPACER
ESPEJOR HOJA FIJA

50 pz conf
pc pack
pz emb



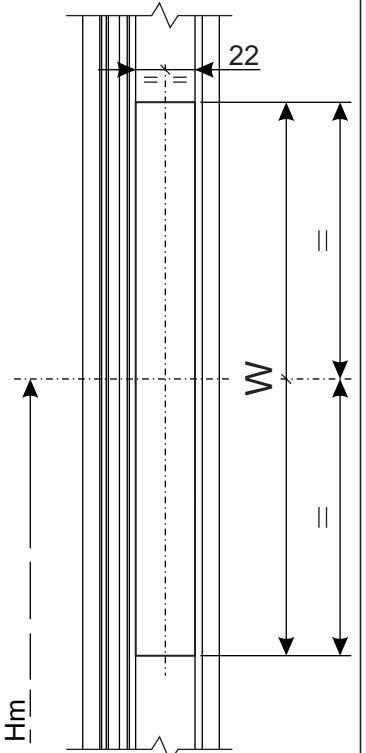
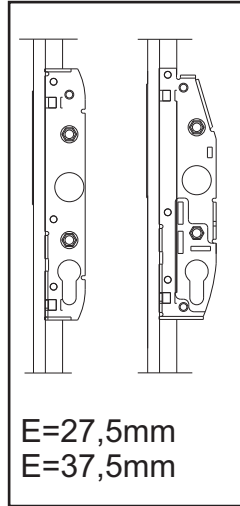
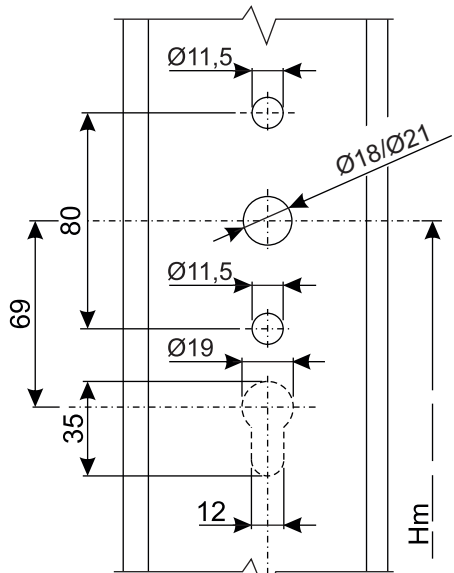
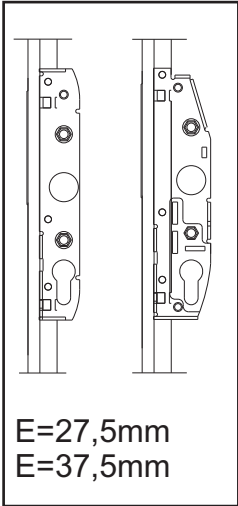
MANIGLIA DOPPIA
DOUBLE HANDLE
MANILLA DOBLE

1 pz conf
pc pack
pz emb



1 pz conf
pc pack
pz emb

3. LAVORAZIONI - MACHINING OPERATIONS - MECANIZADOS PREVIOS

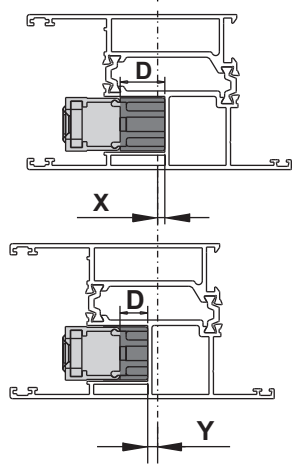


E=27,5mm

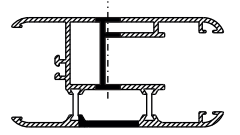
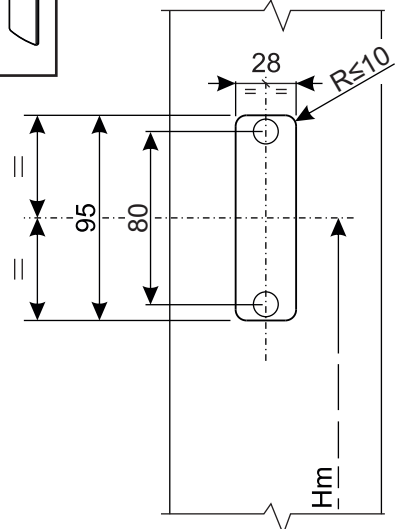
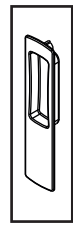
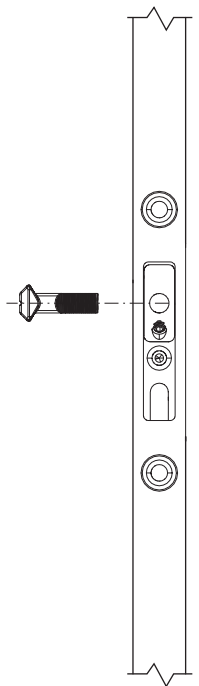
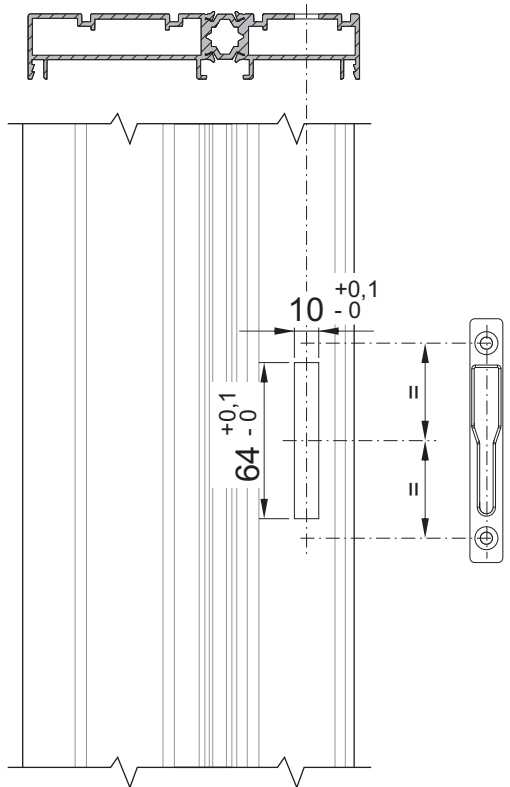
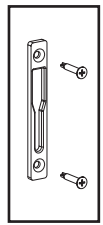
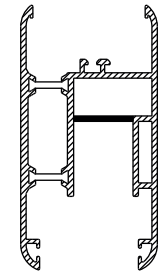
D	X	Y
11	6	-
14	9	-
16	11	-
18	13	-
21	16	-
23	18	-
25	20	-
30	25	-

E=37,5mm

D	X	Y
11	-	4
14	-	1
16	1	-
18	3	-
21	6	-
23	8	-
25	10	-
30	15	-

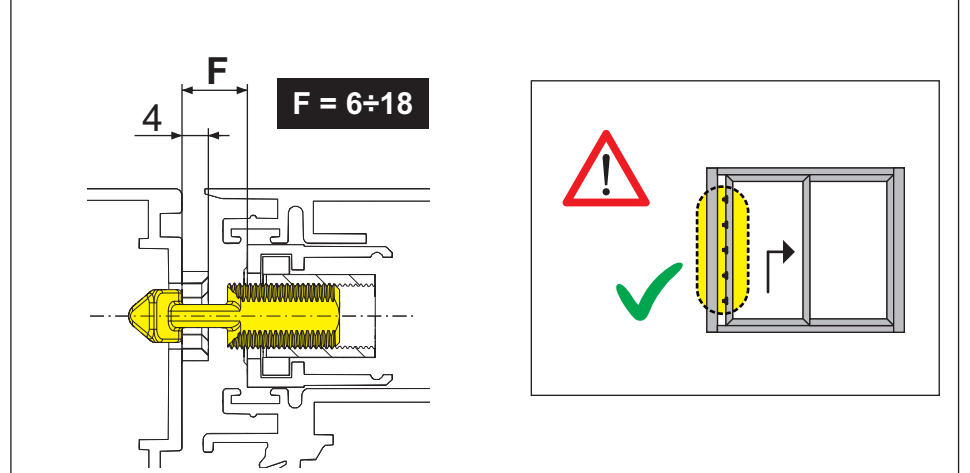
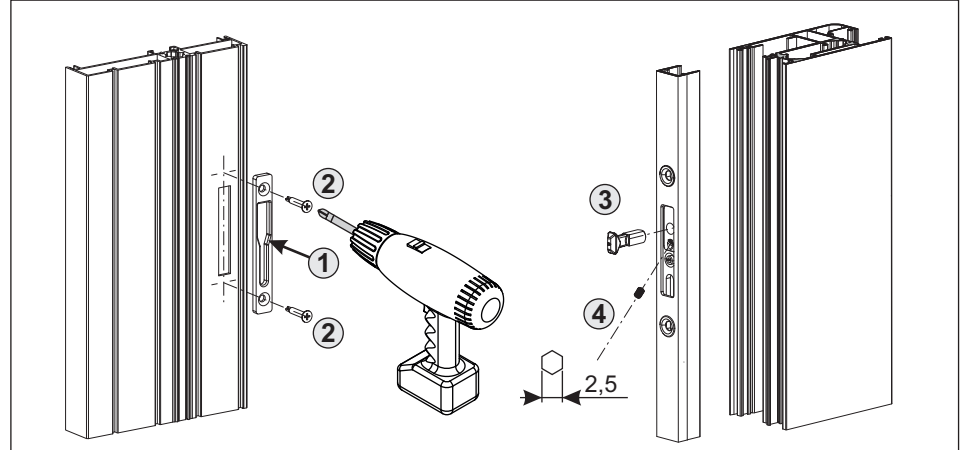
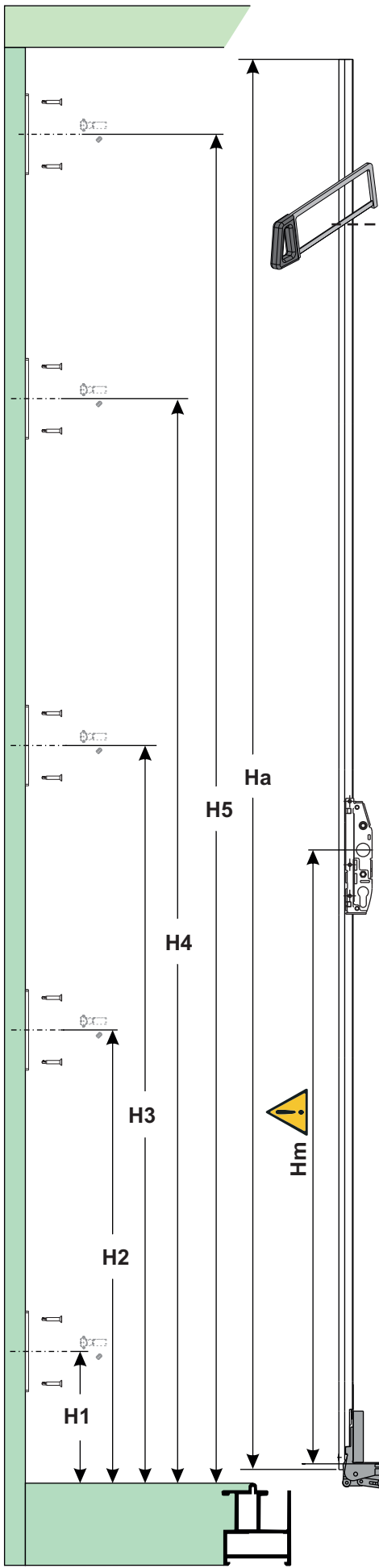


D	W [mm]	E [mm]
11-14-16-18-21	230	27,5
11-14-16-18-21-23-25	210	37,5

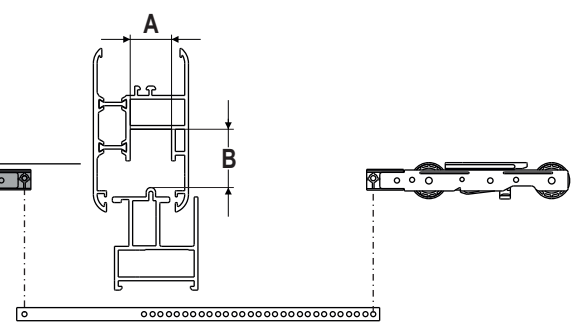
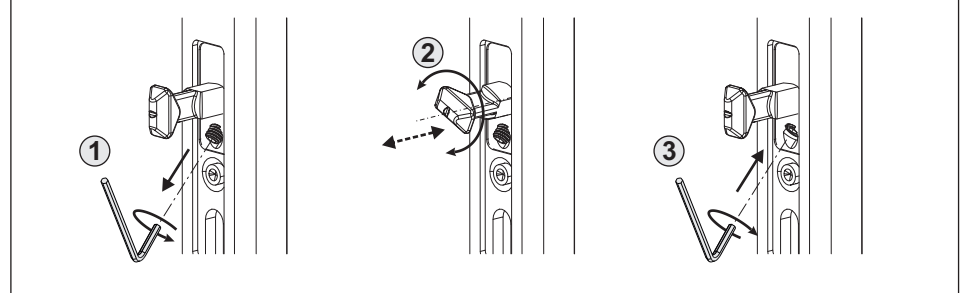


4. PUNTI DI CHIUSURA - LOCKING POINTS - PUNTOS DE CIERRE ADICIONALES

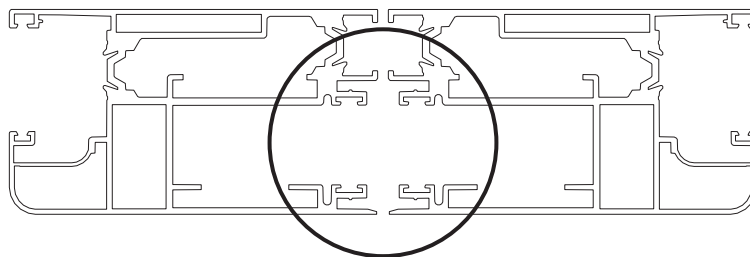
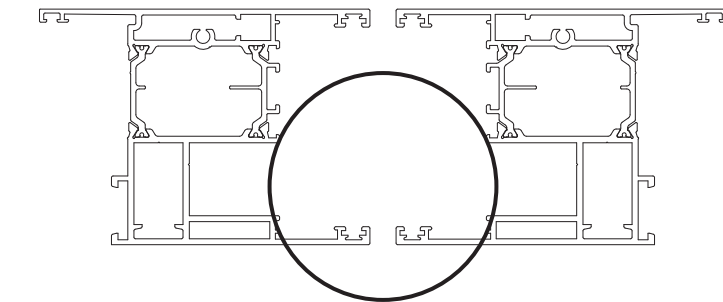
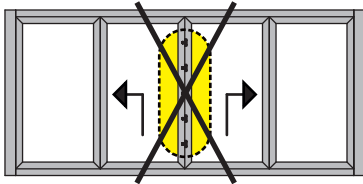
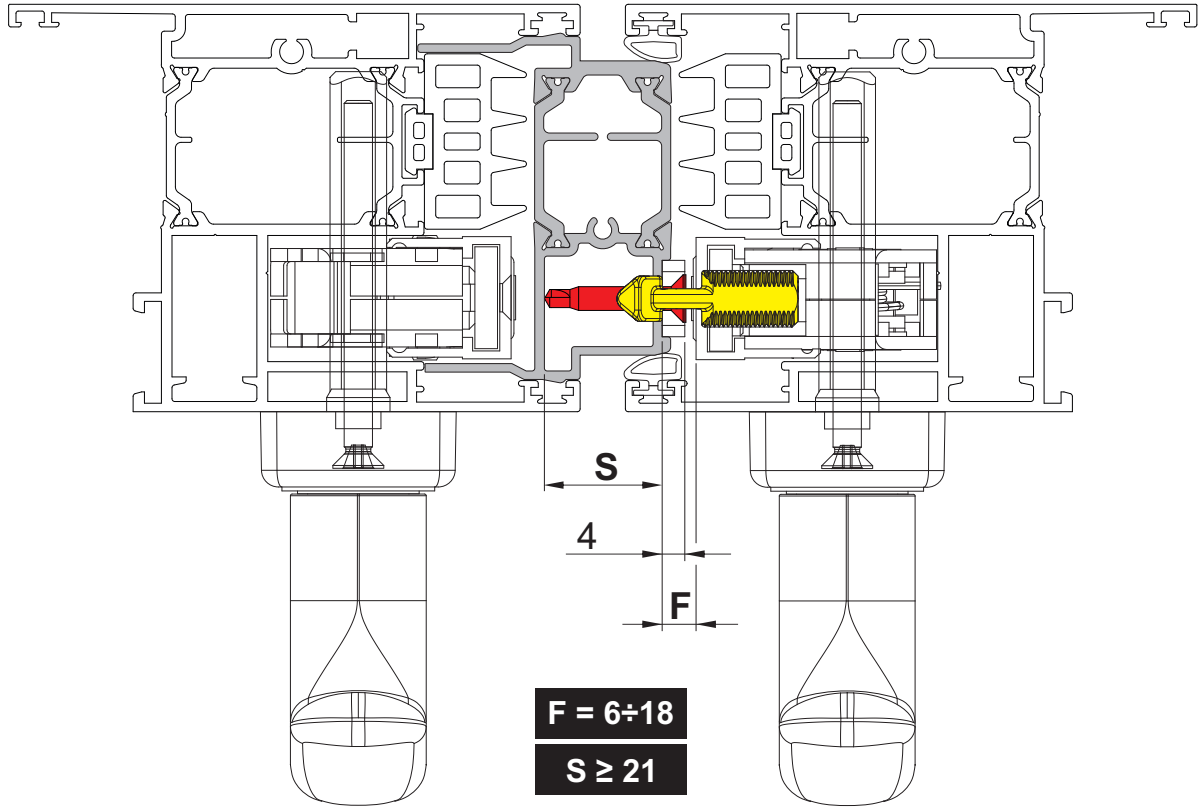
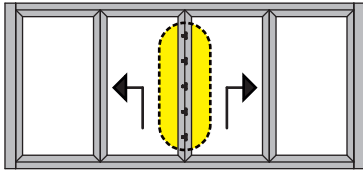
Altezza anta Sash height Altura hoja H (mm)	ENTRATE/Backsets/Entradas 27,5 mm / 37,5 mm									
	Mod.	Ha [mm]	Hm [mm] ⚠	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	H5 [mm]	N°	N°
1150 ÷ 1800	170	1680	354	255	600	1000	/	/	5	3
1500 ÷ 2000	190	1880	654	255	1000	1360	/	/	6	3
1750 ÷ 2050	200	1980	954	250	750	1200	1600	/	8	4
2051 ÷ 2400	230	2280	954	250	750	1200	1600	1900	10	5
2401 ÷ 2750	260	2580	954	250	750	1200	1600	2200	10	5
2751 ÷ 3100 (3750)	300	2980	954	250	750	1600	2200	2600	10	5



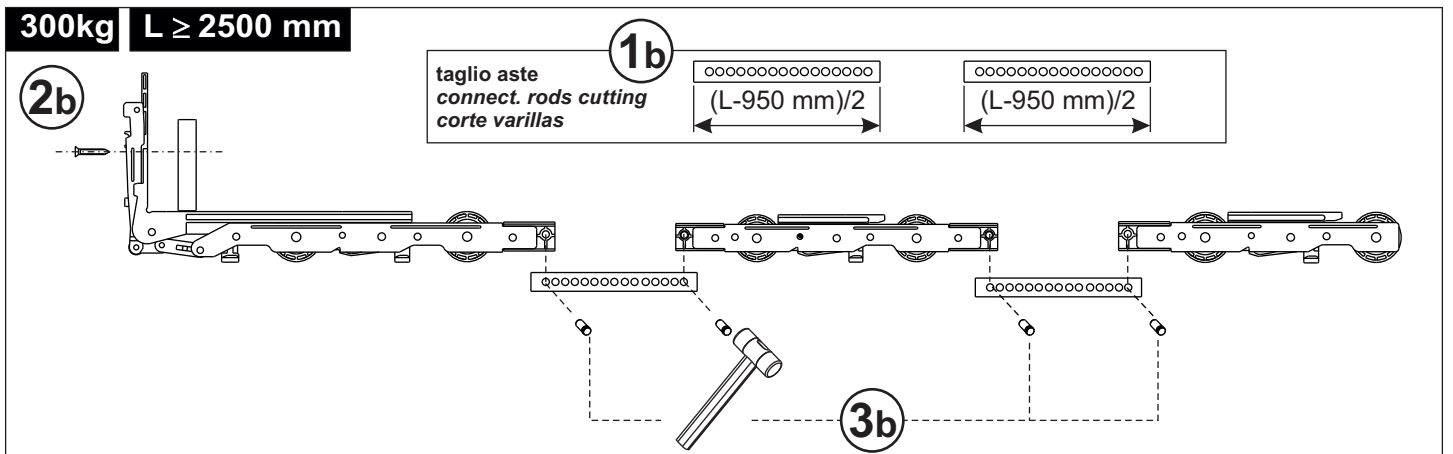
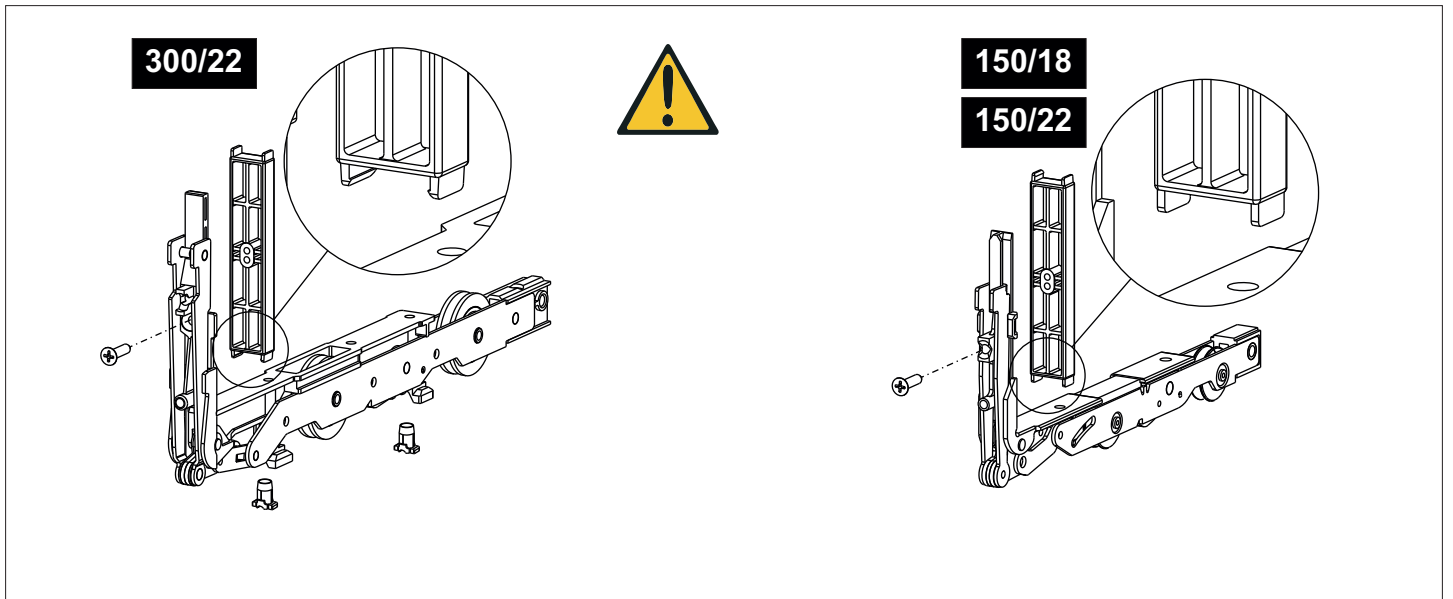
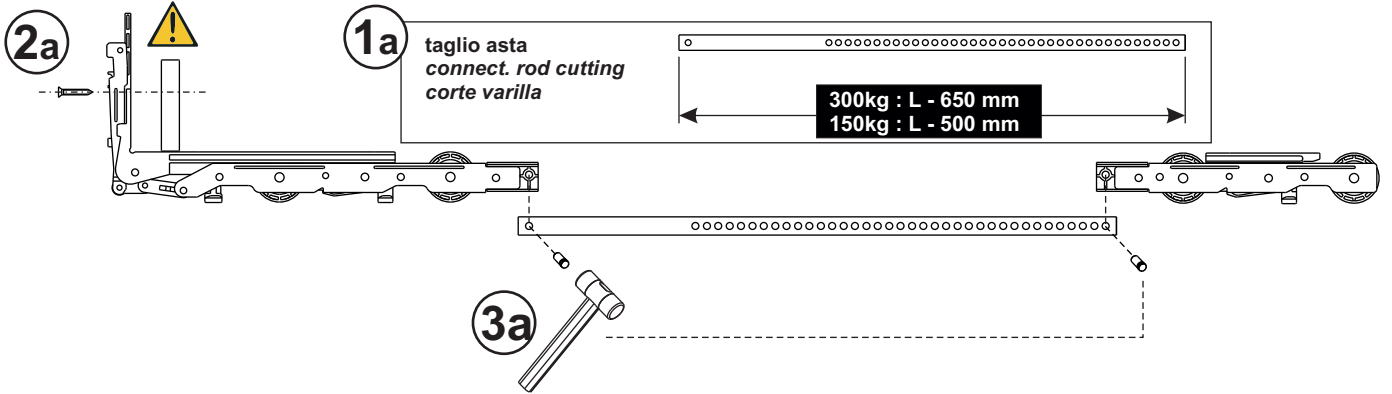
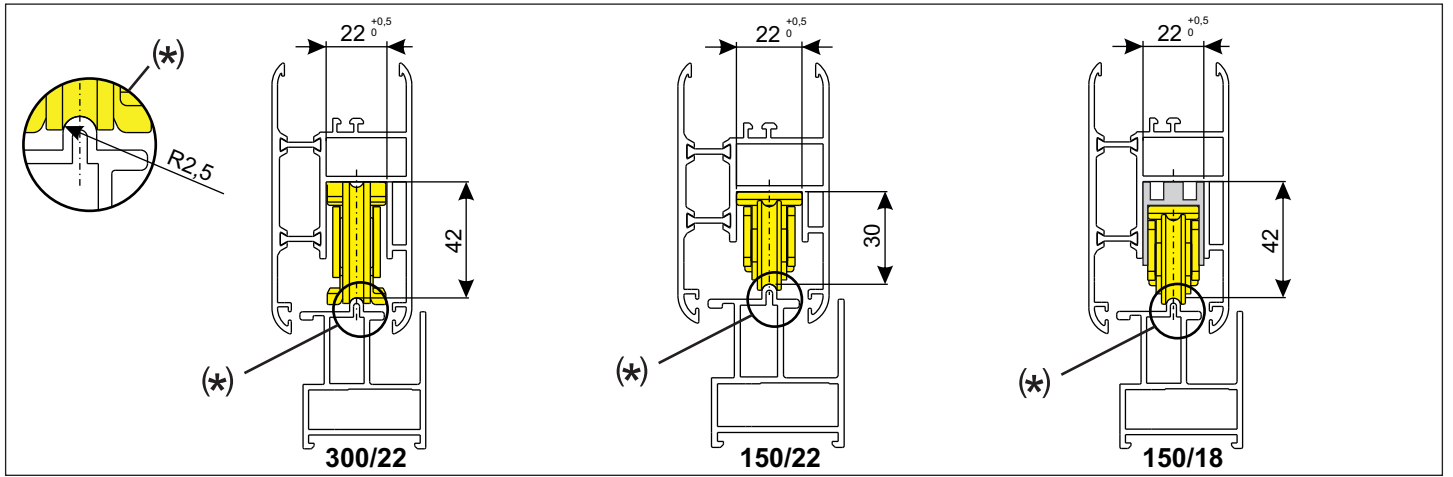
REGOLAZIONE NASELLO/ADJUSTMENT NIB/REGULACIÓN GANCHO



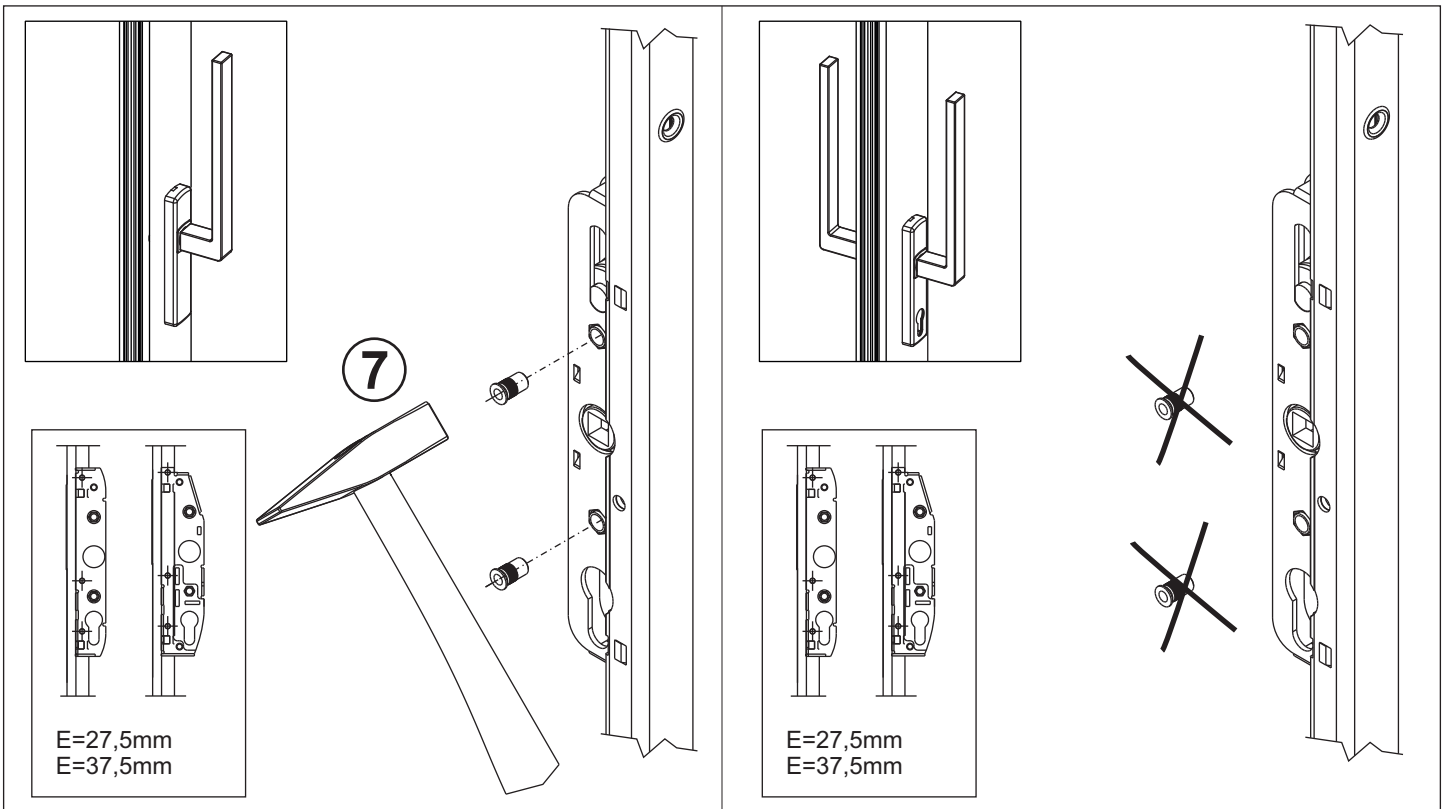
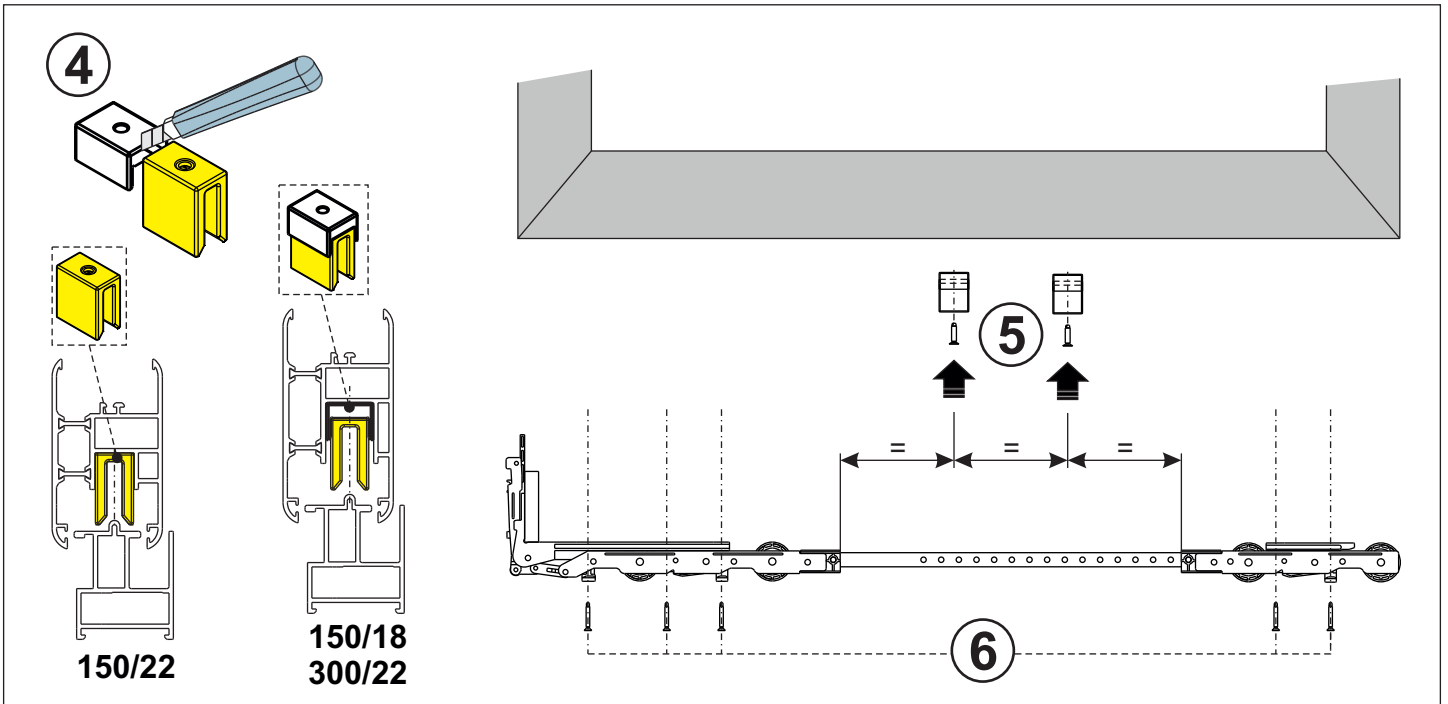
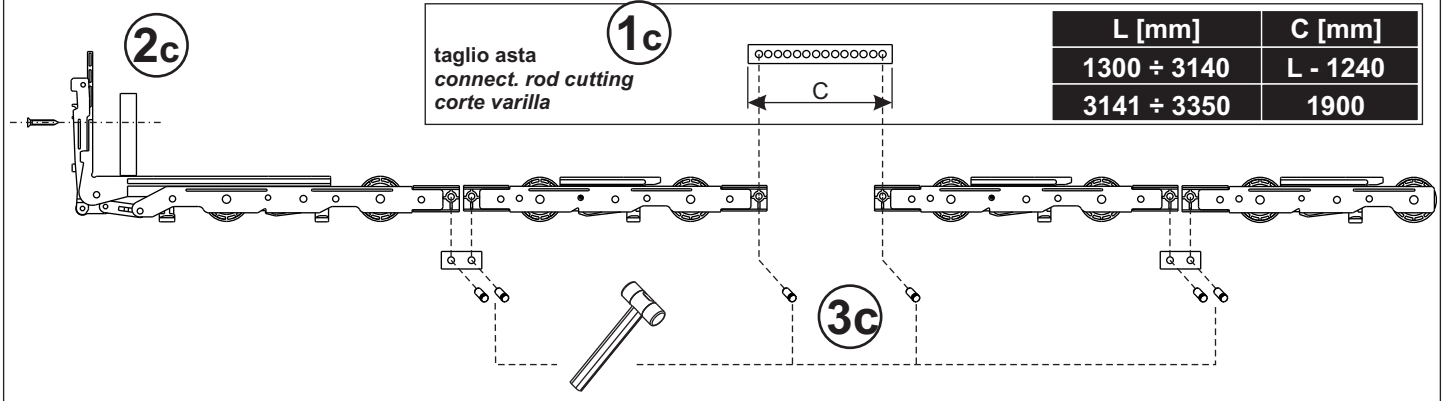
4. PUNTI DI CHIUSURA - LOCKING POINTS - PUNTOS DE CIERRE ADICIONALES

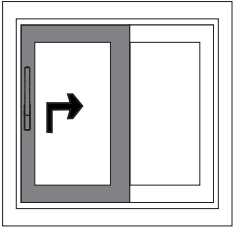


5. MONTAGGIO - FITTINGS - MONTAJE

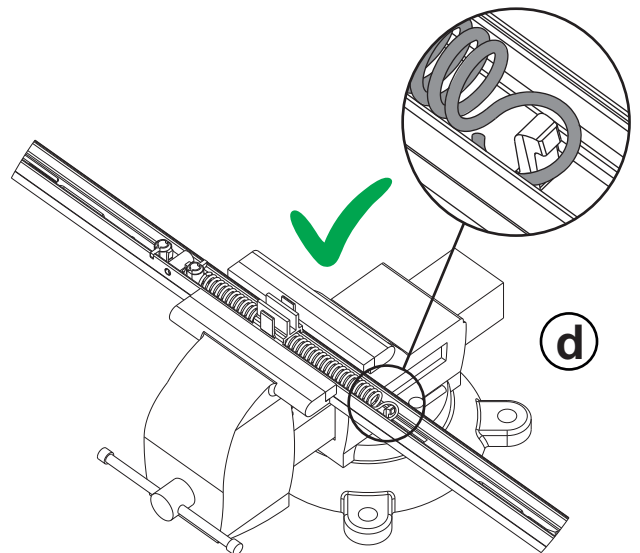
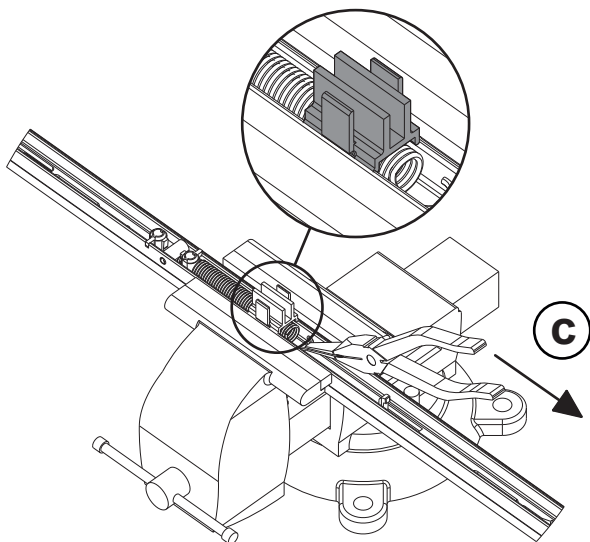
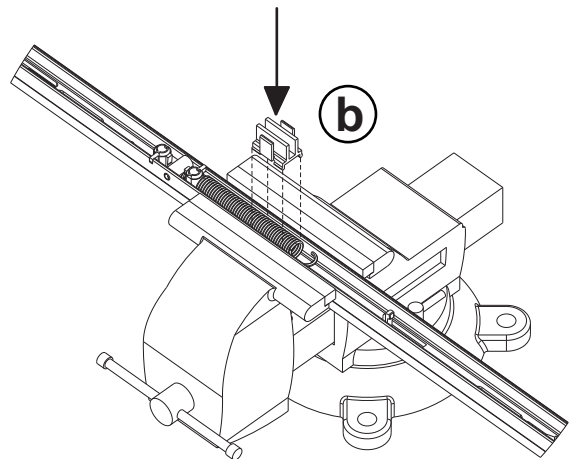
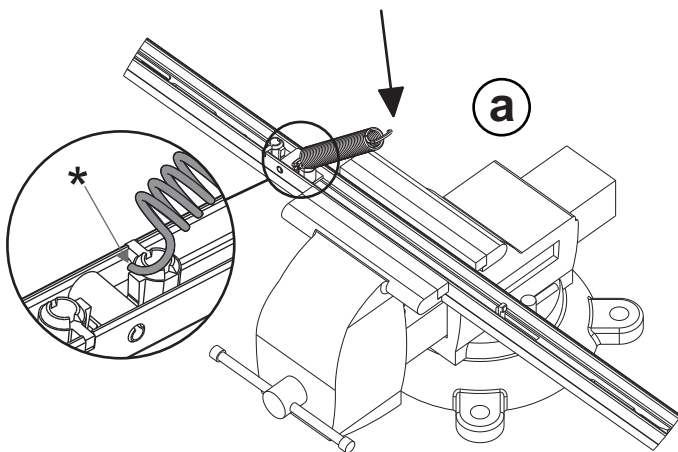
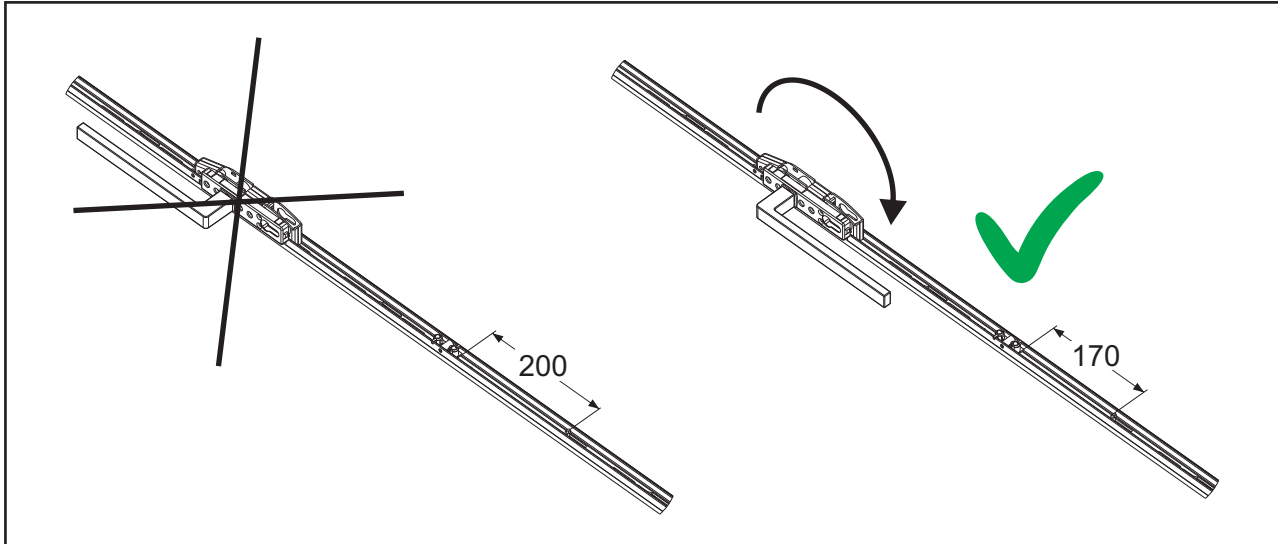
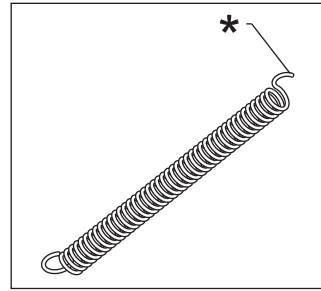


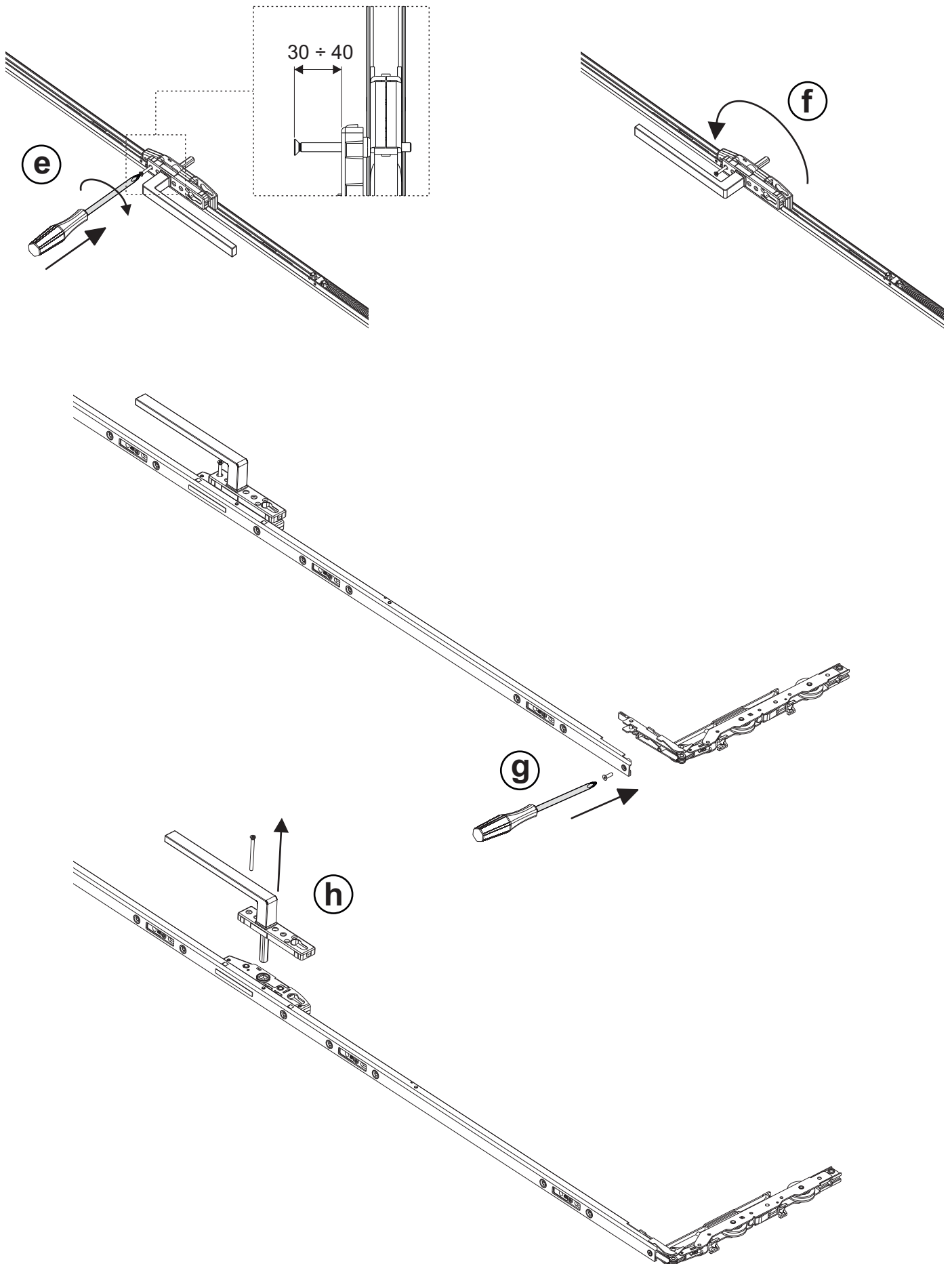
P = 300 ÷ 400 [kg] | L ≥ 1300 mm

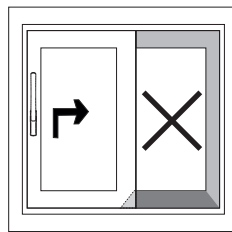
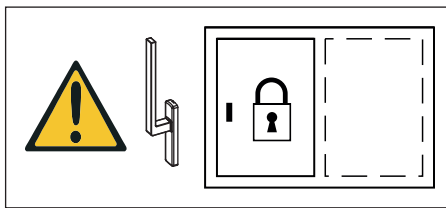




P > 150 kg







ANTA FISSA
FIXED SASH
HOJA FIJA

