

SLIDEART LS LIFT AND SLIDE DOORS



The new system of accessories for
large-sized lift and slide doors

Easy to use and fluid movements

High resistance to corrosion

Certified up to 300 Kg; up to 400 Kg with additional kit





New Slideart LS for lift and slide doors

More light, more air, more security

Lifting and sliding doors that open out onto gardens and terraces improve the quality of life; they offer more light, more freedom of movement.

Increased durability and sturdiness

Slideart LS is extremely sturdy because its main components are in stainless steel. It is tested at 300kg and for 25,000 cycles with the possibility of achieving 400kg thanks to the additional roller kit.

High corrosion resistance

The Slideart LS components have been tested for up to **1000 hours** in salt spray.

No architectonic restrictions

With SLIDEART LS stepping outside is made easy by the reduced threshold, perfect for the disabled and in compliance with DIN 18025. Beauty is always within reach, without any obstacles or architectonic restrictions.

Highly fluid movement

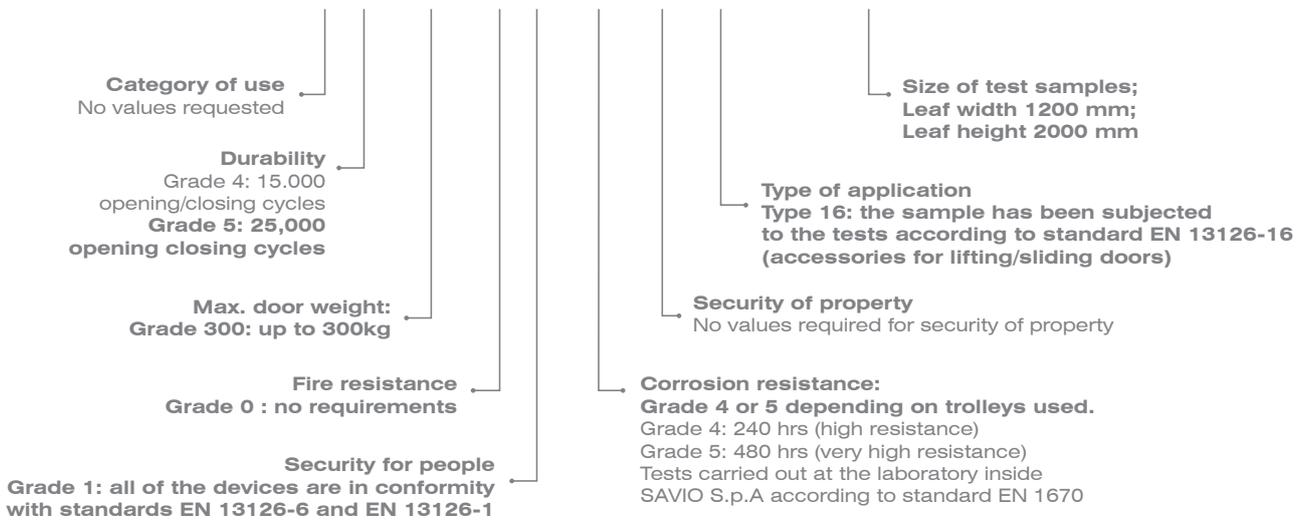
The leaves can be operated with ease and comfort thanks to the perfect design and realisation of the sliding components and the sturdy handle with a modern and elegant design.

Certification

SLIDEART LS has been tested at the Giordano institute according to the requirements in EN 13126-16:2008 and EN 13126-1:2012, passing all of the tests required for a 300kg door and guaranteeing a high use cycle (25,000).

The various obtainable levels:
(in bold levels obtained by SLIDEART LS)

- 5 300 0 1 4/5 - 16 1200/2000





**ISTITUTO
GIORDANO**

Istituto Giordano S.p.A.
 Via Fiume 2 - 47014 Bellaria Marina (FC) - Italia
 Tel. +39 0541 34330 - Fax +39 0541 34342
 info@giordano.it - www.giordano.it
 PEC: giordano@giordano.it
 C/cod. Fiscale N. 00258540481 - C/cod. Sic. F. 1520335048
 S.E.A. (S.C.C.I.A.A.) P. IVA 056366
 Registro Imprese di Rimini n. 022491348187

TEST REPORT No. 309960

Place and date of issue: Bellaria-Igea Marina - Italy, 21/10/2013

Customer: SAVIO S.p.A. - Via Terino, 25 (S.S. 25) - 10050 CHIUSA SAN MICHELE (TO) - Italy

Date test requested: 05/06/2013

Order number and date: 59890, 06/06/2013

Date sample received: 22/07/2013

Test date: from 28/08/2013 to 02/10/2013

Purpose of test: testing hardware for lift & slide windows and doors in accordance with standard UNI EN 13126-16:2008

Test site: Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy

Sample origin: sampled and supplied by the Customer

Identification of sample received: No. 2013/1507

Sample name*

The test sample is called "KIT PER ALZANTE SCORREVOLE SLIDEART LS" ("KIT FOR SLIDEART LS LIFT AND SLIDE DOOR").

(**) according to that stated by the Customer.

Comp. AV	This test report consists of 8 sheets and 1 annex.		Sheet
Keris, FE	This document is the English translation of the test report No. 309960 issued 21/10/2013 issued in Italian. Date of validation: 20/10/2013.		1 of 8

(1) (4) (3) (5) This document states only the results of the tests carried out and shall not be reproduced except in full without the Institute's written approval.

sheet 2 of 8 follows

kit for lift & slide windows and doors (without tilt function)
 ed in a new closure of overall size 2264 x 2070 mm with movable sash
 assembly being inserted in a rig of structural safe of size
 / installation conditions.
 can be seen in the Customer-supplied schematic drawings in

COMPONENTS*

Weight	Serial codes
800 Kg	2451/840
	2453/3520
	2451/701/90
	2453/803
	2453/701
	2453/603/5
	2453/602/5
	1606-2 RAL

Field of application:

Leaf width	Depending on profile system, max. 3000 mm; max. 3400 mm with addition of code 2451/400
Leaf height	Depending on profile system, max. 3100 mm + extension of 625 mm, reaching 3725 mm
Width of external frame	With scheme A, max. 6700 mm
Height of external frame	Depending on profile system
Weight of leaf	Max. 300 kg certified; max. 400 kg with addition of the code 2451/400
Handle backset	37.5 mm
Door handle height	From the surface of the leaf on which the rollers are rested 953 mm

Adaptation kits for the main series of profiles are available.



Rollers, bars and locks



Code	Description	Pcs.	Finishes
2451/300	Kit of 300-kg rollers consisting of: 1 angle roller and 1 linear roller made of zamak with Teflon protective coating and stainless steel 430, chrome-plated steel bearings and wheels in nylon.	1	
2451.1/300	Like art. 2451/300 but for "V" shape tracks.	1	
2451.10/300	Like art. 2451/300 but with bearings in stainless steel 630.	1	
2452.10/300	Like art. 2451/300 but with bearings and sheet metal in stainless steel 304.	1	



Code	Description	Pcs.	Finishes
2451/400	Additional roller kit for weight capacity of 400 Kg, consisting of: 2 intermediate rollers in zamak with Teflon protective coating and stainless steel 430, chrome-plated steel bearings and wheels in nylon, 2 stainless steel plates and 4 stainless steel connecting pins Ø 6.10x17.6.	1	
2451.1/400	Like art. 2451/400 but for "V" shape tracks.	1	
2451.10/400	Like art. 2451/400 but with bearings in stainless steel 630.	1	
2452.10/400	Like art. 2451/400 but with bearings and sheet metal in stainless steel 304.	1	



Code	Description	Pcs.	Finishes
2451.701/90	Roller connection bar of 895 mm in stainless steel. 300 Kg version: for doors with width 700 ÷ 1600 mm. 400 Kg version: for doors with width 1250 ÷ 2100 mm.	1	
2451.701/150	Roller connection bar of 1500 mm in stainless steel. 300 Kg version: for doors with width 1601 ÷ 2200 mm. 400 Kg version: for doors with width 2101 ÷ 2700 mm.	1	
2451.701/220	Roller connection bar of 2200 mm in stainless steel. 300 Kg version: for doors with width 2201 ÷ 3000 mm. 400 Kg version: for doors with width 2701 ÷ 3400 mm.	1	
2452.701/90	Like art. 2451.701/90 but in stainless steel 304.	1	
2452.701/150	Like art. 2451.701/150 but in stainless steel 304.	1	
2452.701/220	Like art. 2451.701/200 but in stainless steel 304.	1	



Code	Description	Pcs.	Finishes
2453.37/20	Lifting lock with 37.5-mm backset, preset for cylinder, max 4 locking points, made of natural anodized aluminium and stainless steel, 2 threaded inserts M5x15 in nickel-plated brass. For doors with height from 1801 mm to 2325 mm.	1	
2453.37/23	Like 2453.37/20 but for doors with height from 2326 mm to 2700 mm. Max 4 locking points.	1	
2453.37/30	Like 2453.37/20 but for doors with height from 2701 mm to 3100 mm. Max 5 locking points.	1	
2454.337/20	Like 2453.37/20 but in stainless steel 304.	1	
2454.337/23	Like 2453.37/23 but in stainless steel 304.	1	
2454.337/30	Like 2453.37/30 but in stainless steel 304.	1	

Rollers, bars and locks



Code	Description	Pcs.	Finishes
2453.137/17	Lifting lock with 37.5-mm backset, without preset for cylinder, max 3 locking points, made of natural anodized aluminium and stainless steel, 2 threaded inserts M5x15 in nickel-plated brass, 1 hole cover in grey nylon. For doors with height from 1000 mm to 1800 mm.	1	
2453.137/20	Like 2453.137/17 but for doors with height from 1801 mm to 2325 mm. Max 4 locking points.	1	
2453.137/23	Like 2453.137/17 but for doors with height from 2326 mm to 2700 mm. Max 4 locking points.	1	
2453.137/30	Like 2453.137/17 but for doors with height from 2701 mm to 3100 mm. Max 5 locking points.	1	
2454.437/17	Like 2453.137/17 but in stainless steel 304 coated in black Koflux.	1	
2454.437/20	Like 2453.137/20 but in stainless steel 304 coated in black Koflux.	1	
2454.437/23	Like 2453.137/23 but in stainless steel 304 coated in black Koflux.	1	
2454.437/30	Like 2453.137/30 but in stainless steel 304 coated in black Koflux.	1	

Locking piece kit, small parts and adapters



Code	Description	Pcs.	Finishes
2453.700	Kit of 2 locking pieces, 22 mm in stainless steel 304 for wood profiles.	10	



Code	Description	Pcs.	Finishes
2453.701	Kit of 2 locking pieces, 16 mm in nickel-plated brass.	10	

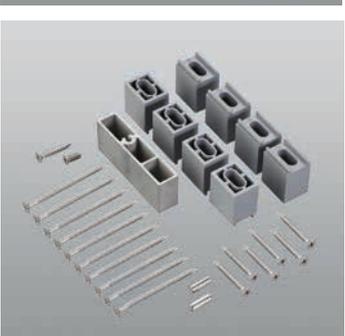


Code	Description	Pcs.	Finishes
2453.702	Kit of 2 locking pieces, 17 mm in nickel-plated brass.	10	

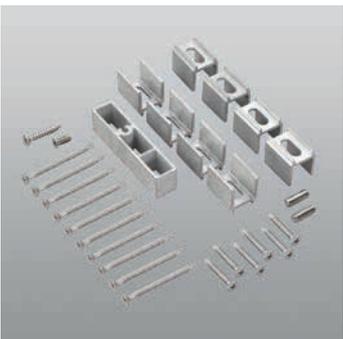
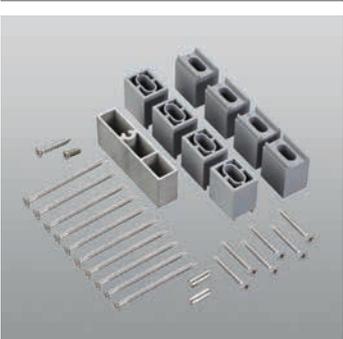
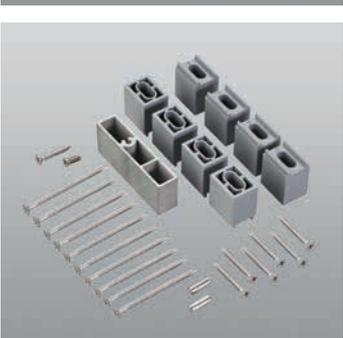
Locking piece kit, small parts and adapters

	Code	Description	Pcs.	Finishes
	2453.703	Kit of 2 locking pieces, 24 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.704	Kit of 2 locking pieces, 22 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.705	Kit of 2 locking pieces, 15 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.706	Kit of 2 locking pieces for micro-ventilation, 15 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.707	Kit of 2 locking pieces, 14.5 mm in nickel-plated brass.	10	

Locking piece kit, small parts and adapters

	Code	Description	Pcs.	Finishes
	2453.709	Kit of 2 locking pieces, 11 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.710	Kit of 2 locking pieces, 13.5 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.711	Kit of 2 locking pieces, 24.5 mm in nickel-plated brass.	10	
	Code	Description	Pcs.	Finishes
	2453.800	Kit of small parts and adaptors, 14.5 mm consisting of: 1 spacer block of 14.5 mm in raw extruded aluminium, 1 self-threading countersunk head screw \varnothing 4.8x20 in stainless steel 410, s8 spacer 14.5 mm in grey nylon, 2 connecting pins \varnothing 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading countersunk head screws \varnothing 4.2x56 in dacrotized stainless steel 410 and 6 self-threading countersunk head screw for roller fixing \varnothing 4.2x32 in dacrotized stainless steel 410.	1	
	Code	Description	Pcs.	Finishes
	2453.801	Kit of small parts and adaptors, 15.8 mm consisting of: 1 spacer block of 15.8 mm in raw extruded aluminium, 1 self-threading countersunk head screw \varnothing 4.8x20 in stainless steel 410, 8 spacers 15.8 mm in grey nylon, 2 connecting pins \varnothing 6.10x17.6 in stainless steel, 1 roller/lock connecting self-threading countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle self-threading countersunk head screws \varnothing 4.2x56 in dacrotized stainless steel 410 and 6 self-threading countersunk head screws for roller fixing \varnothing 4.2x32 in dacrotized stainless steel 410.	1	

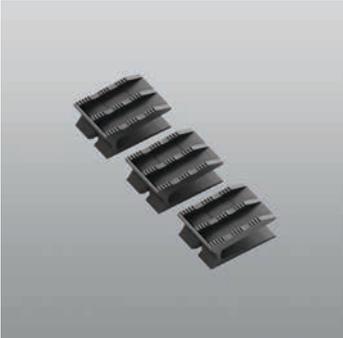
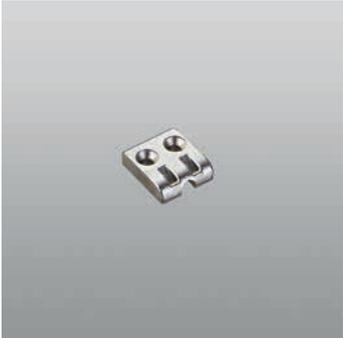
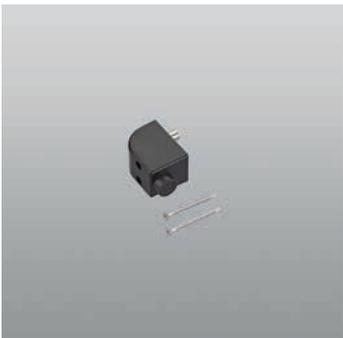
Locking piece kit, small parts and adapters

	Code	Description	Pcs.	Finishes
	2453.802	Kit of small parts and adaptors, 18.8 mm consisting of: 1 spacer block of 18.8 mm in raw extruded aluminium, 1 self-threading countersunk head screw Ø 4.8x20 in stainless steel 410, 8 spacers 18.8 mm in grey nylon, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x56 in dacrotized stainless steel 410 and self-threading countersunk head screw for roller fixing Ø 4.2x32 in dacrotized stainless steel 410.	1	
	Code	Description	Pcs.	Finishes
	2453.803	Kit of small parts and adaptors, 20.5 mm consisting of: 1 spacer block of 20.5 mm in raw extruded aluminium, 1 self-threading countersunk head screw Ø 4.8x30 in stainless steel 410, 8 spacers 20.5 mm in raw extruded aluminium, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x56 in dacrotized stainless steel 410 and 6 self-threading countersunk head screws for roller fixing Ø 4.2x32 in dacrotized stainless steel 410.	1	
	Code	Description	Pcs.	Finishes
	2453.804	Kit of small parts and adaptors, 23 mm consisting of: 1 spacer block of 23 mm in raw extruded aluminium, 1 self-threading countersunk head screw Ø 4.8x30 in stainless steel 410, 8 spacers 23 mm in raw extruded aluminium, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x56 in dacrotized stainless steel 410 and 6 self-threading countersunk head screw for roller fixing Ø 4.2x32 in stainless steel 410 dacrotized.	1	
	Code	Description	Pcs.	Finishes
	2453.805	Kit of small parts and adaptors, 25 mm consisting of: 1 spacer block of 25 mm in raw extruded aluminium, 1 self-threading countersunk head screw Ø 4.8x30 in stainless steel 410, 8 spacers 25 mm in grey nylon, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x65 in dacrotized stainless steel 410 and 6 self-threading countersunk head screw for roller fixing Ø 4.2x32 in dacrotized stainless steel 410.	1	
	Code	Description	Pcs.	Finishes
	2453.806	Kit of small parts and adaptors, 30 mm consisting of: 1 spacer block of 30 mm in raw extruded aluminium, 1 self-threading countersunk head screw Ø 4.8x30 in stainless steel 410, 8 spacers 30 mm in grey nylon, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x70 in dacrotized stainless steel 410 and 6 roller fixing countersunk head screws AF TS TGX UNI 6955 Ø4.2x38 in dacrotized stainless steel 410.	1	

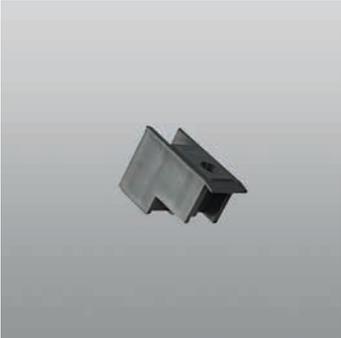
Locking piece kit, small parts and adapters

	Code	Description	Pcs.	Finishes
	2453.807	Kit of small parts and adaptors, 17 mm consisting of: 1 spacer block of 17 mm in raw extruded aluminium, 1 self-threading countersunk head screw Ø 4.8x20 in stainless steel 410, 8 spacers 17 mm in raw extruded aluminium, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x56 in dacrotized stainless steel 410 and 6 self-threading countersunk head screws for roller fixing Ø 4.2x32 in dacrotized stainless steel 410.	1	
	Code	Description	Pcs.	Finishes
	2453.808	Kit of small parts without adaptors and without spacer block: 1 self-threading countersunk head screw Ø 4.8x20 in stainless steel 410, 2 connecting pins Ø 6.10x17.6 in stainless steel, 1 roller/lock connecting countersunk head screw M5x13 in stainless steel 410, 10 self-threading handle countersunk head screws Ø 4.2x38 in dacrotized stainless steel 410 and 6 self-threading countersunk head screws for roller fixing Ø 4.2x32 in dacrotized stainless steel 410.	1	
	Code	Description	Pcs.	Finishes
	2453.850	Kit of adaptors, 14.5 mm consisting of: 2 spacer blocks of 14.5 mm in grey nylon and 2 self-threading handle countersunk head screws Ø 4.2x56 in dacrotized stainless steel 410.	1	
	2453.851	Like art. 2453.850 but of 15.8 mm.	1	
	2453.852	Like art. 2453.850 but of 18.8 mm.	1	
	2453.855	Like art. 2453.850 but of 25 mm and 2 countersunk head screws Ø 4.2x65.	1	
	2453.856	Like art. 2453.850 but of 30 mm and 2 countersunk head screws Ø 4.2x70.	1	
	Code	Description	Pcs.	Finishes
	2453.853	Kit of adaptors, 20.5 mm consisting of: 2 spacer blocks of 20,5 mm in raw extruded aluminium and 2 self-threading handle countersunk head screws Ø 4.2x56 in dacrotized stainless steel 410.	1	
	2453.854	Like art. 2453.850 but of 23 mm.	1	
	2453.857	Like art. 2453.850 but of 17 mm.	1	

Complementary accessories

	Code	Description	Pcs.	Finishes
	2451.705	Rod guide kit for roller connection in black nylon.	10	
	Code	Description	Pcs.	Finishes
	2451.710	Keeper kit for central leaf in galvanized zamak.	1	
	Code	Description	Pcs.	Finishes
	2453.799/1	Kit of 2 shims of 37x13x1 mm for locking pieces, in stainless steel.	10	
	Code	Description	Pcs.	Finishes
	2453.810	625-mm extension for lock, in natural anodized aluminium and stainless steel.	1	
	2453.810KB	Like art. 2453.810 but in stainless steel 304 coated in black Koflux.	1	
	Code	Description	Pcs.	Finishes
	2453.815	Sash stop device in nylon and stainless steel, 2 self-threading countersunk head screw Ø 4.2x32 in dacrotized stainless steel 410.	1	

Complementary accessories

	Code	Description	Pcs.	Finishes
	2453.820	Upper front end in black nylon.	1	
	Code	Description	Pcs.	Finishes
	2453.821	Rear upper guide with bumper in black nylon.	1	
	Code	Description	Pcs.	Finishes
	2453.822	Rear upper guide without bumper in black nylon.	1	
	Code	Description	Pcs.	Finishes
	2453.823	Rear lower cover cap with bumper in black nylon.	1	
	Code	Description	Pcs.	Finishes
	2453.824	Rear lower cover cap without bumper in black nylon.	1	

Complementary accessories

	Code	Description	Pcs.	Finishes
	2453.901	Jig for locking pieces in galvanized zamak.	1	

Handles and plates

	Code	Description	Pcs.	Finishes
	1606.1	ARIANNA Single non-handed handle, aluminium grip and base in die-cast zamak and nylon, 2 fitting bushing in nicked brass, 1 10x60 mm square spindle in die-cast steel, 1 blind cover plate in aluminium and 2 fitting screws M5x50 in die-cast steel.	1	9005, 9010, BL10, C, F, HS

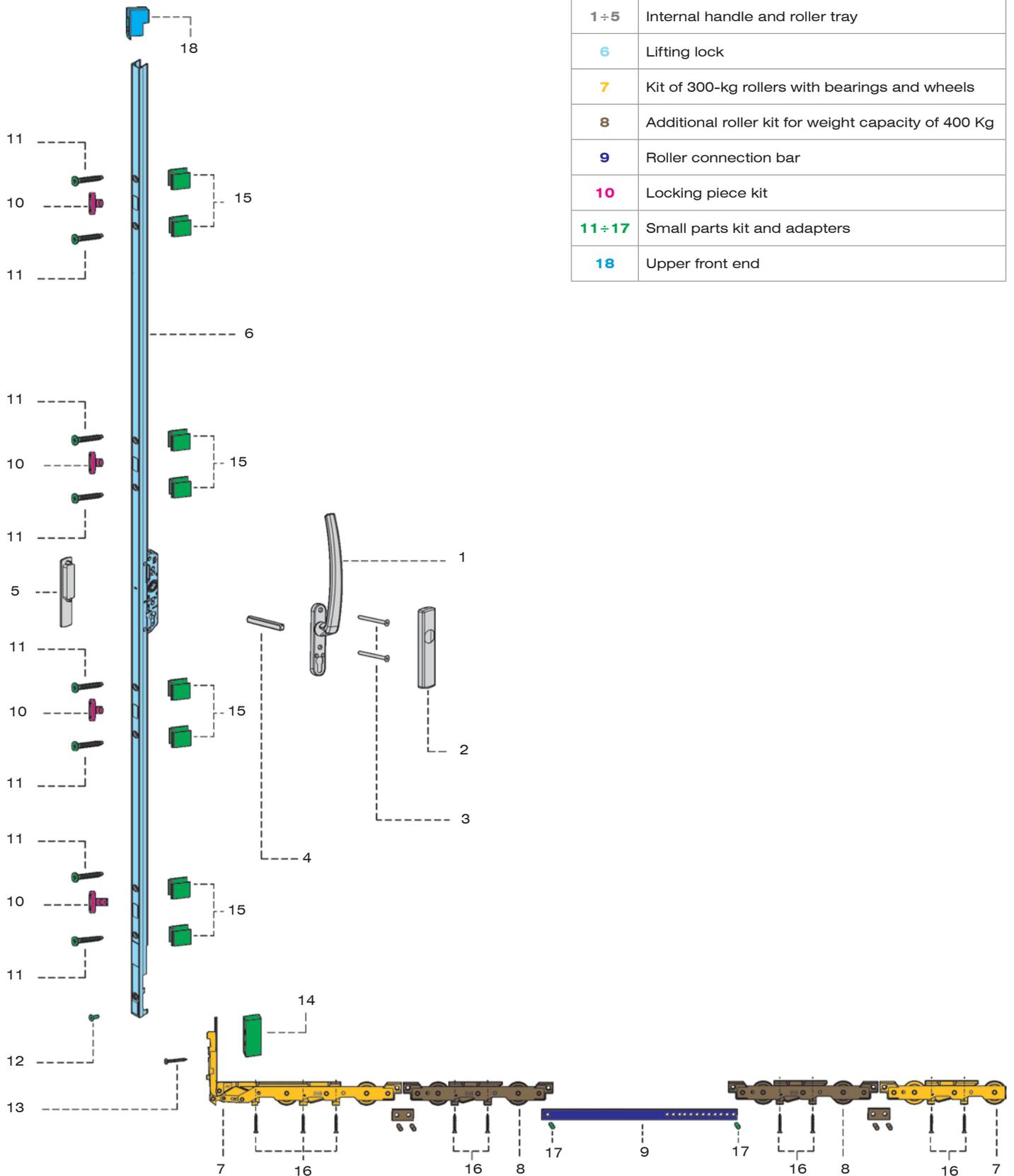
	Code	Description	Pcs.	Finishes
	1606.2	ARIANNA Single non-handed handle, aluminium grip and base in die-cast zamak and nylon, 1 10x60 mm square spindle in die-cast steel, 1 blind cover plate in aluminium, 1 external finger pull in zamak and 2 fitting screws M5x75 in die-cast steel.	1	1013, 9005, 9010, B.MA, BL10, C, F, HS, SILV

	Code	Description	Pcs.	Finishes
	1606.30	ARIANNA Double non-handed handle, aluminium grips and bases in die-cast zamak and nylon, 1 10x60 mm square spindle in die-cast steel, 2 cover plates with cylinder hole in aluminium and 2 fitting screws M5x80 in die-cast steel.	1	1013, 8019, 9005, 9010, B.MA, BL10, C, F, HS, SILV

	Code	Description	Pcs.	Finishes
	1606.701	Blind cover plate in aluminium.	1	C, F, HS

	Code	Description	Pcs.	Finishes
	1606.702	Cover plate with cylinder hole in aluminium.	1	C, F, HS

Summary of components



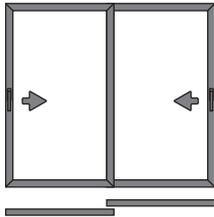
COMPONENTS:

1÷5	Internal handle and roller tray
6	Lifting lock
7	Kit of 300-kg rollers with bearings and wheels
8	Additional roller kit for weight capacity of 400 Kg
9	Roller connection bar
10	Locking piece kit
11÷17	Small parts kit and adapters
18	Upper front end

Achievable combinations

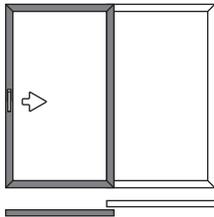
— fixed leaf

— opening leaf



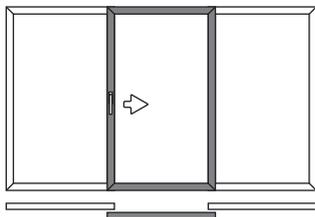
SCHEME A

N°. of opening leaves	2
Max. sash width (mm)	6.800



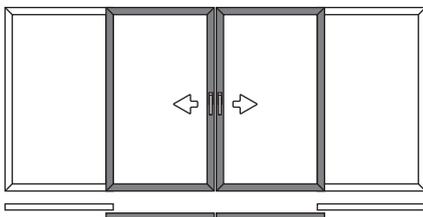
SCHEME B

N°. of opening leaves	1
Max. sash width (mm)	3.400



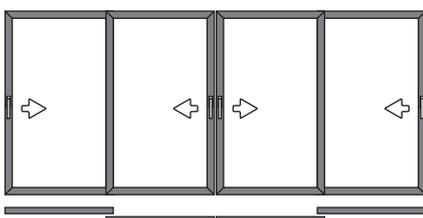
SCHEME C

N°. of opening leaves	1
Max. sash width (mm)	3.400



SCHEME D

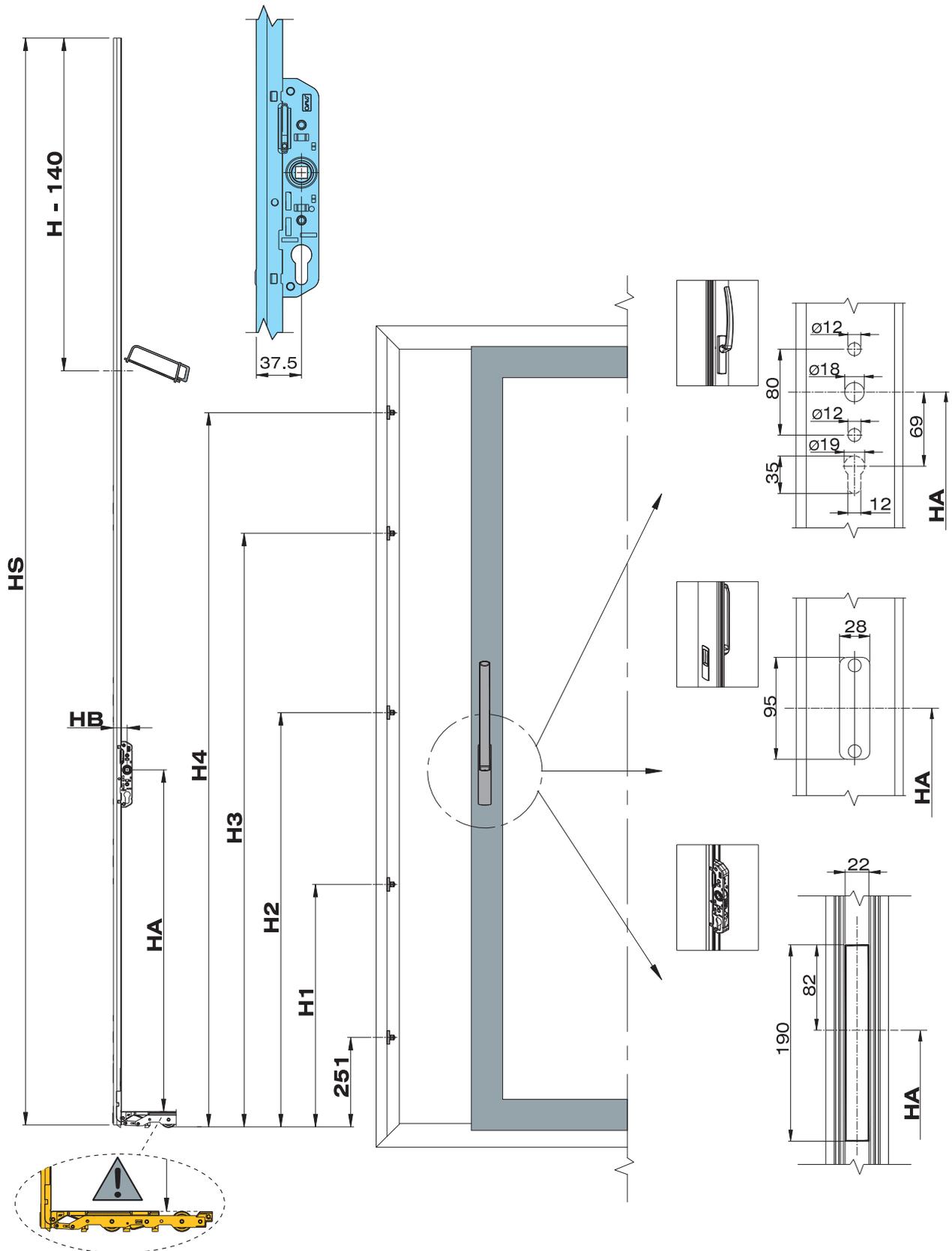
N°. of opening leaves	2
Max. sash width (mm)	6.800



SCHEME E

N°. of opening leaves	4
Max. sash width (mm)	13.600

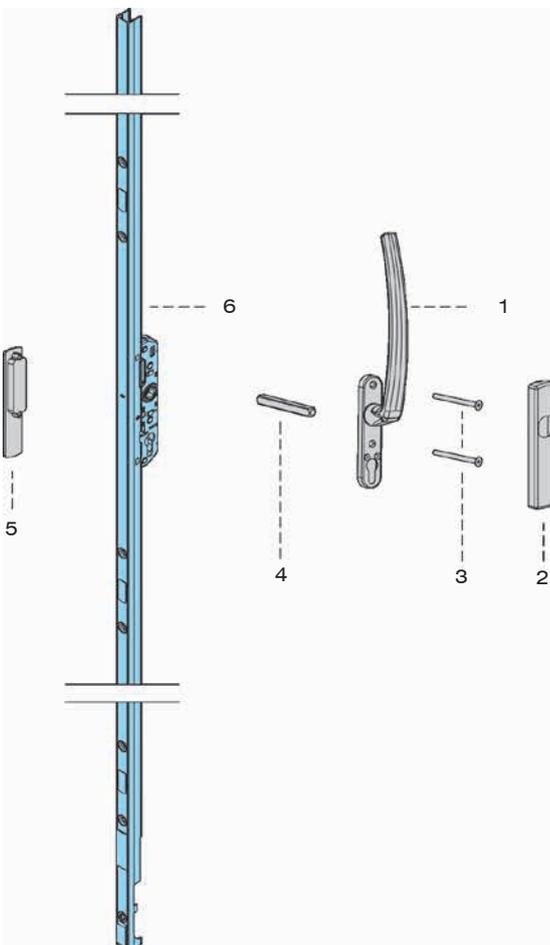
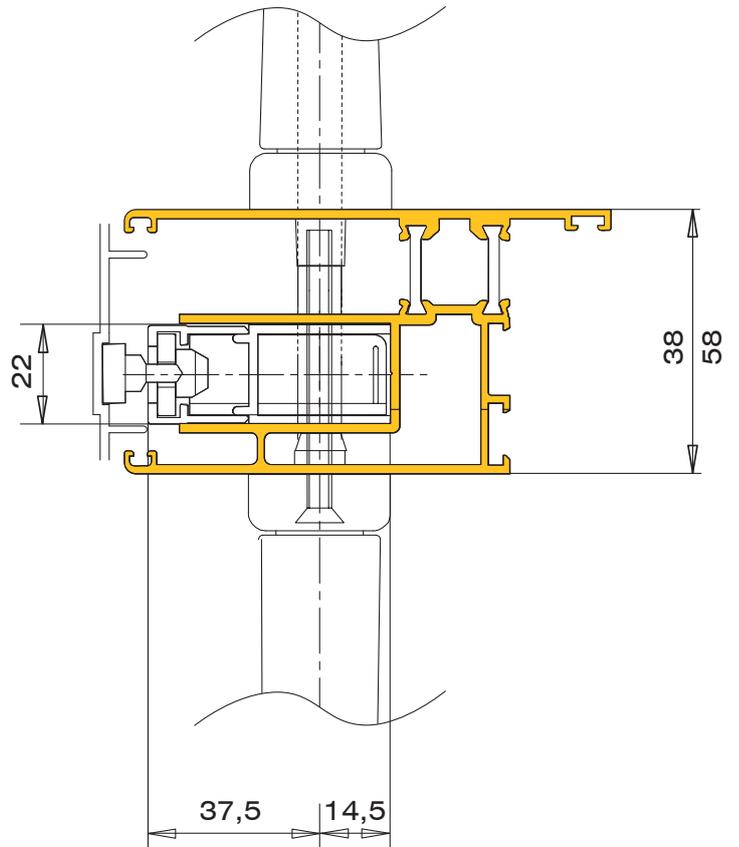
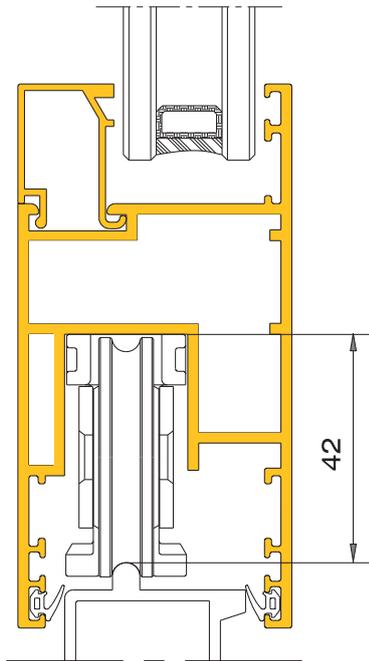
Lock application scheme



H (leaf height mm)	Backset (HB) 37,5 mm										
	Item	HS	HA	H1	H2	H3	H4				
1000 ÷ 1800	2453.137 - 2453.437	/17	1700	348	608	1209	-	-	6	3	
1801 ÷ 2325	2453.37 - 2453.137 - 2453.337 - 2453.437	/20	2185	953	608	1209	1601	-	8	4	
2326 ÷ 2700	2453.37 - 2453.137 - 2453.337 - 2453.437	/23	2375	953	608	1209	1906	-	8	4	
2701 ÷ 3100	2453.37 - 2453.137 - 2453.337 - 2453.437	/30	3000	953	608	1209	1906	2423	10	5	

Additional informations

Profile section

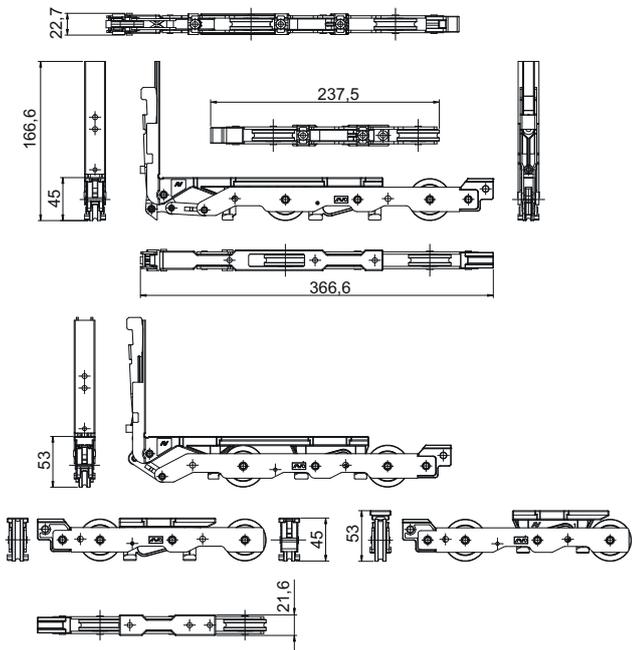


HANDLES WITH INTERNAL CLOSURE:

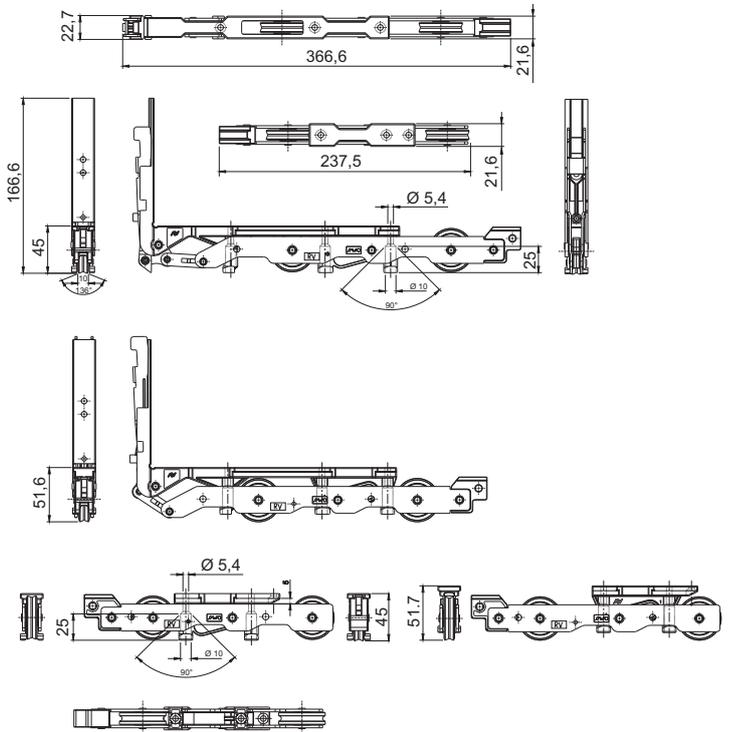
1 ÷ 5	Internal handle and roller tray
6	Lifting locks

Rollers

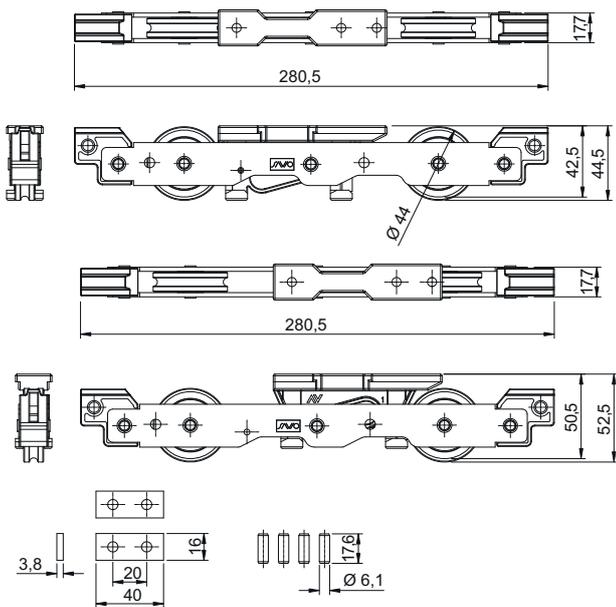
2451/300 - 2451.10/300 - 2452.10/300



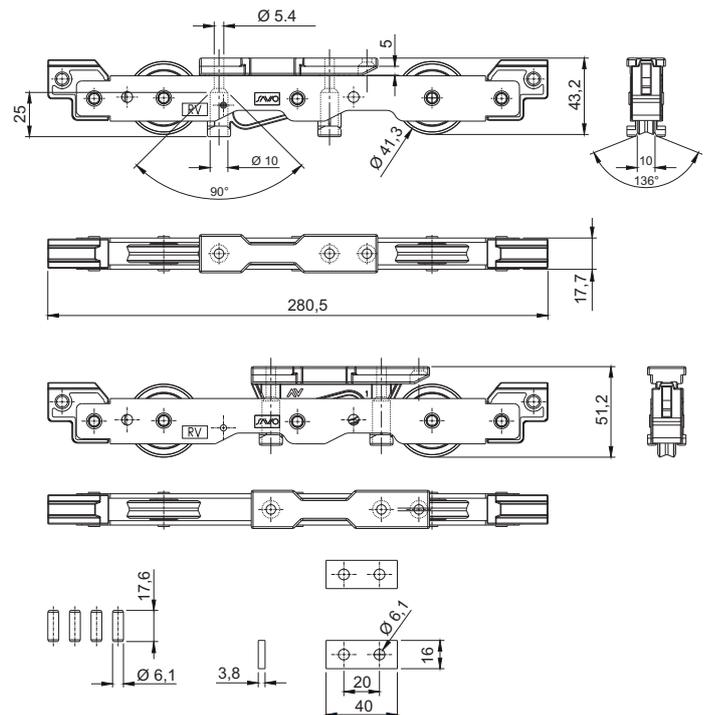
2451.1/300



2451/400 - 2451.10/400 - 2452.10/400

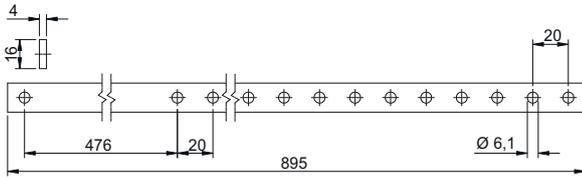


2451.1/400

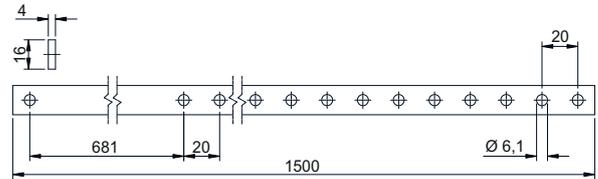


Bars

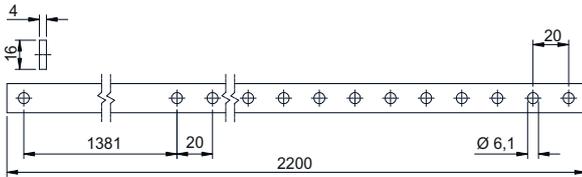
2451.701/90 - 2452.701/90



2451.701/150 - 2452.701/150



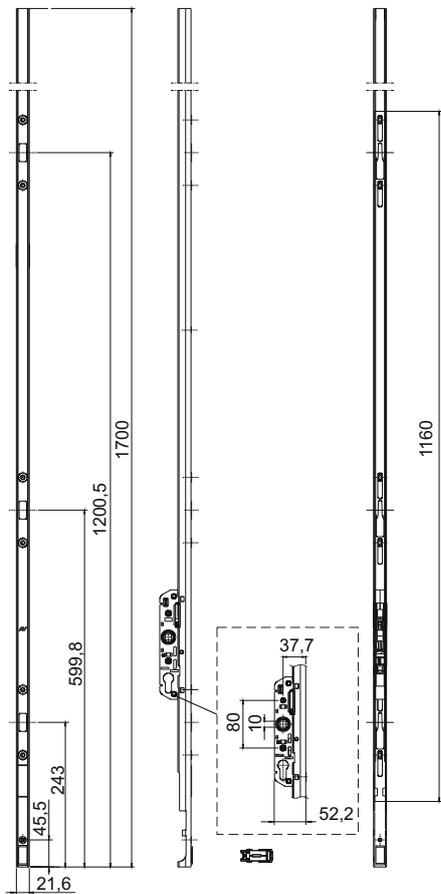
2451.701/220 - 2452.701/220



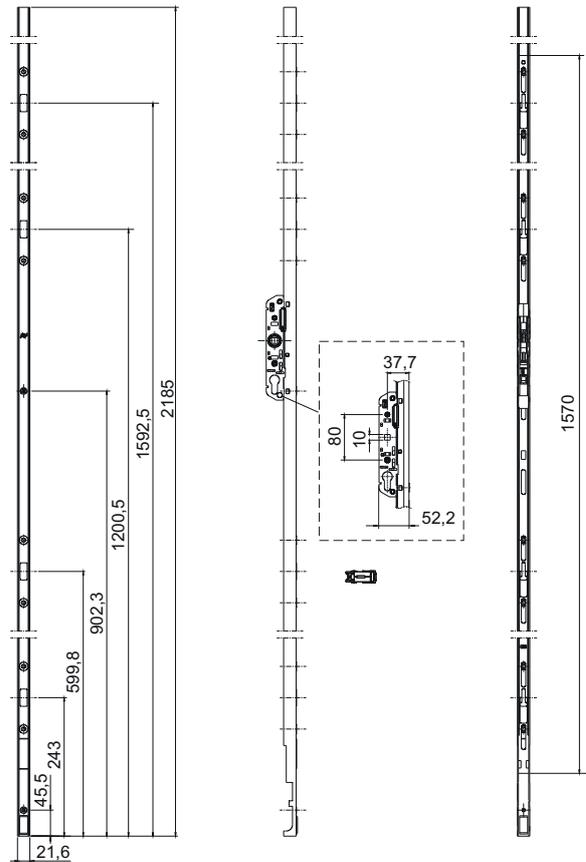
Code	300 Kg	400 Kg
2451.701/90	L = 700 ÷ 1600	L = 1250 ÷ 2100
2451.701/150	L = 1601 ÷ 2200	L = 2101 ÷ 2700
2451.701/220	L = 2201 ÷ 3000	L = 2701 ÷ 3400

Locks

2453.137/17 - 2454.437/17

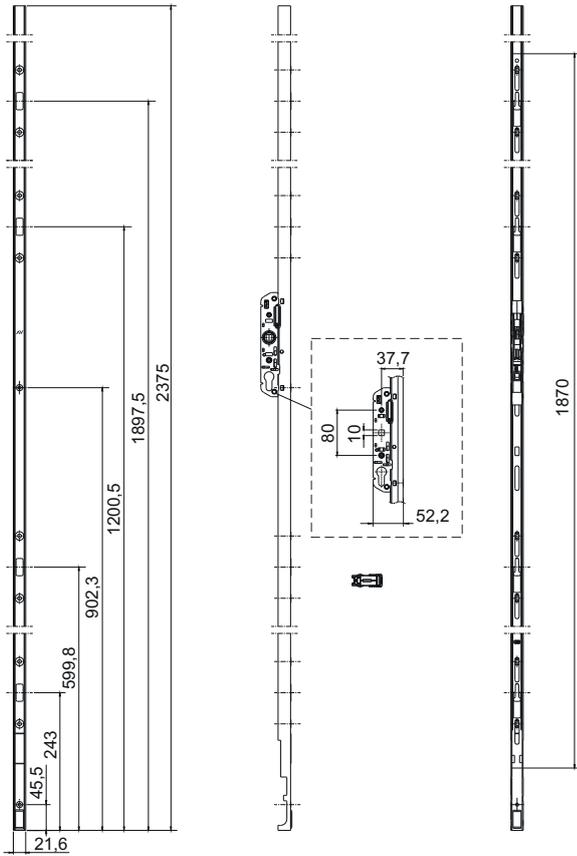


2453.37/20 - 2453.137/20
2454.337/20 - 2454.437/20

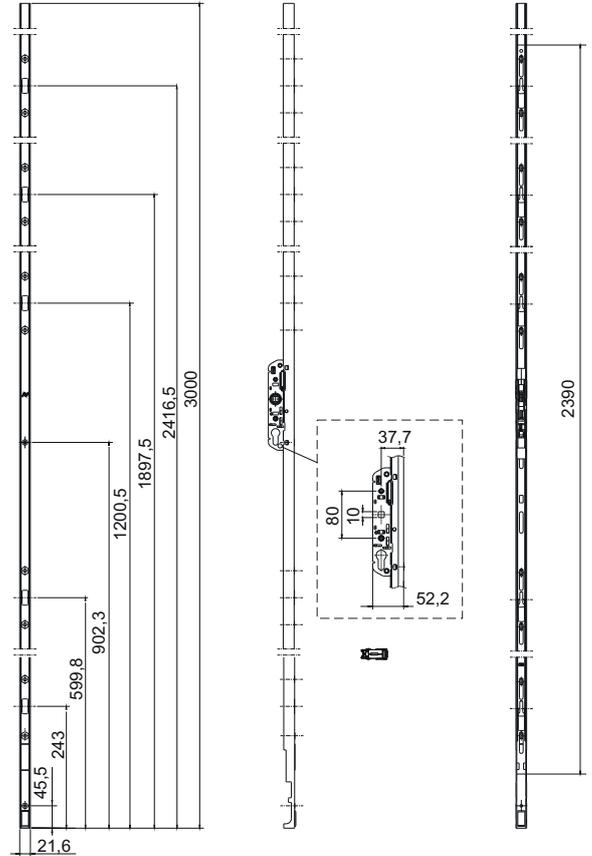


Locks

2453.37/23 - 2453.137/23
2454.337/23 - 2454.437/23

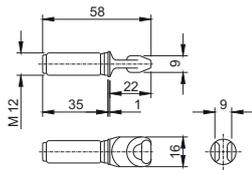


2453.37/30 - 2453.137/30
2454.337/30 - 2454.437/30

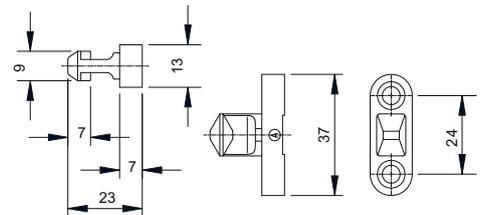


Locking piece kit, small parts and adapters

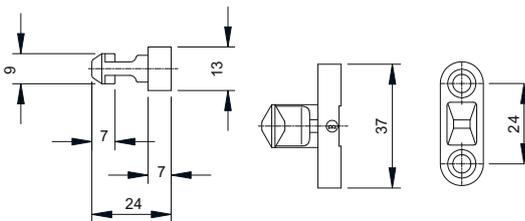
2453.700



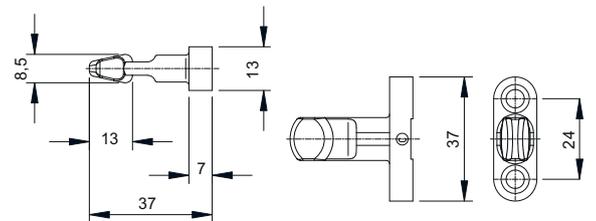
2453.701



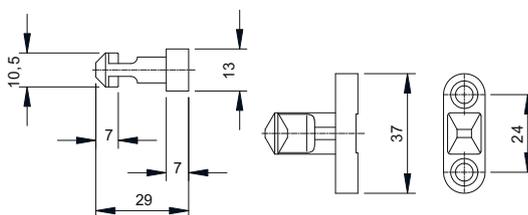
2453.702



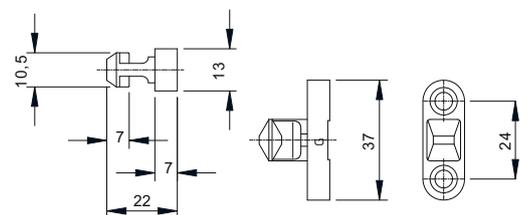
2453.703



2453.704

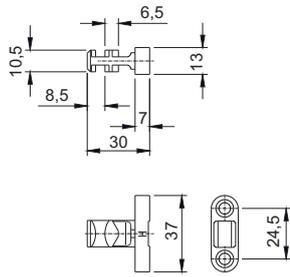


2453.705

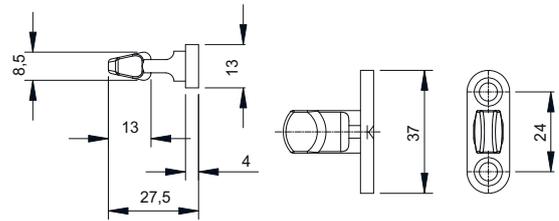


Locking piece kit, small parts and adapters

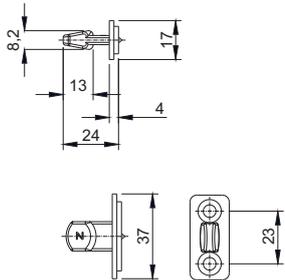
2453.706



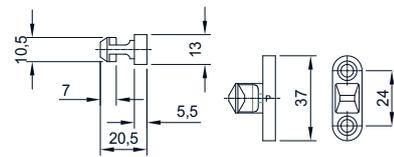
2453.707



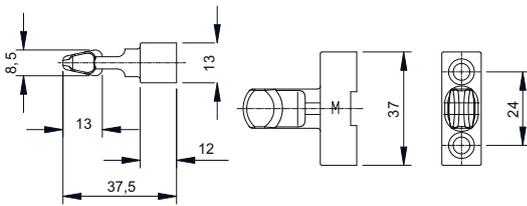
2453.709



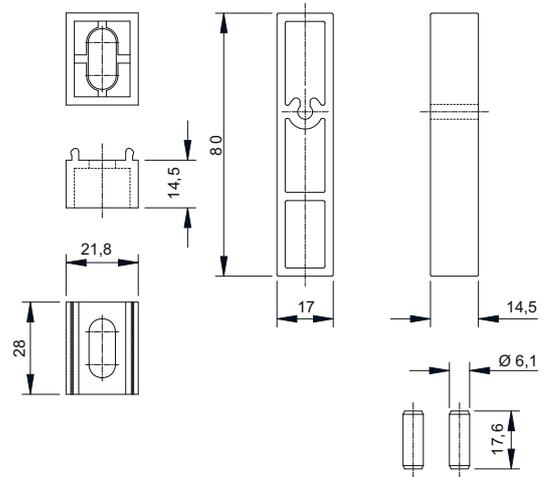
2453.710



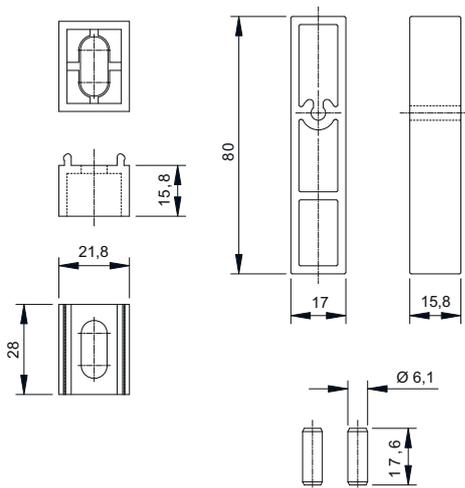
2453.711



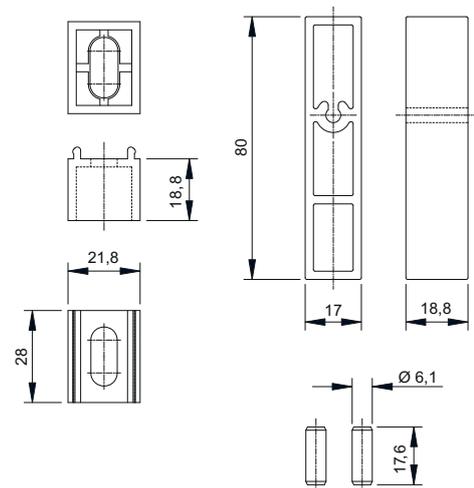
2453.800



2453.801

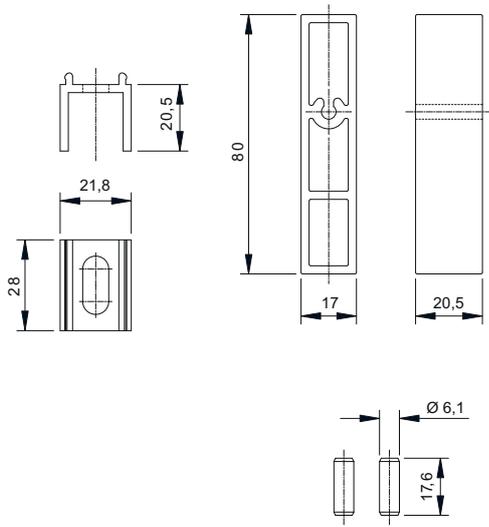


2453.802

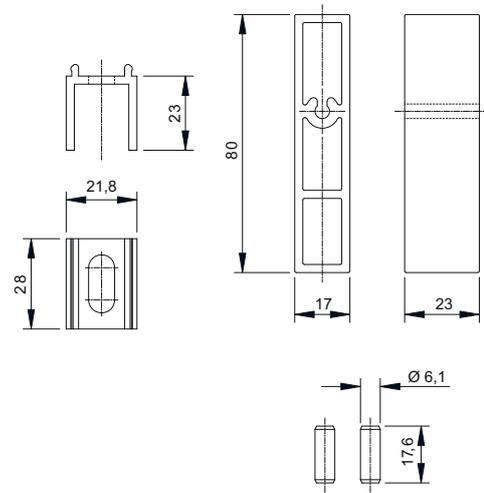


Locking piece kit, small parts and adapters

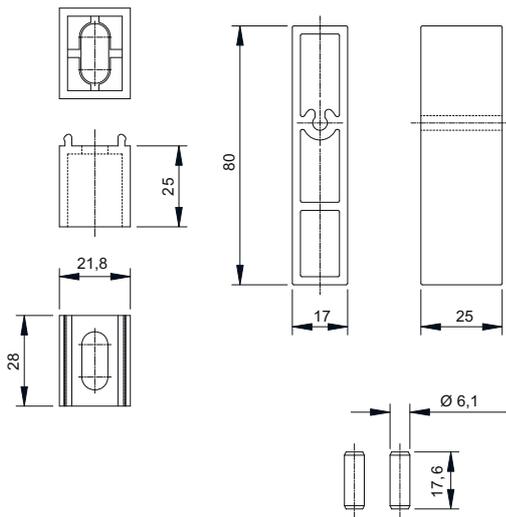
2453.803



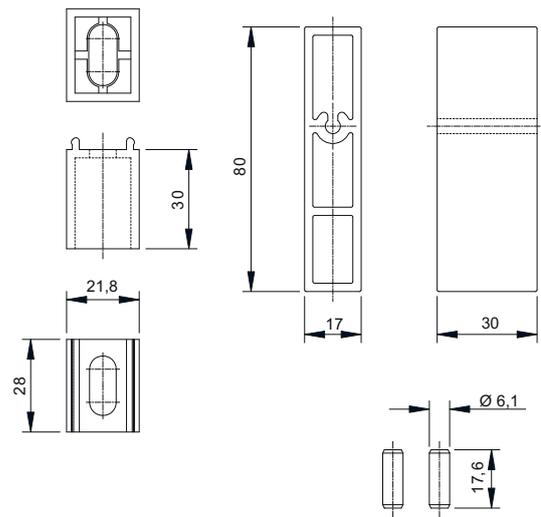
2453.804



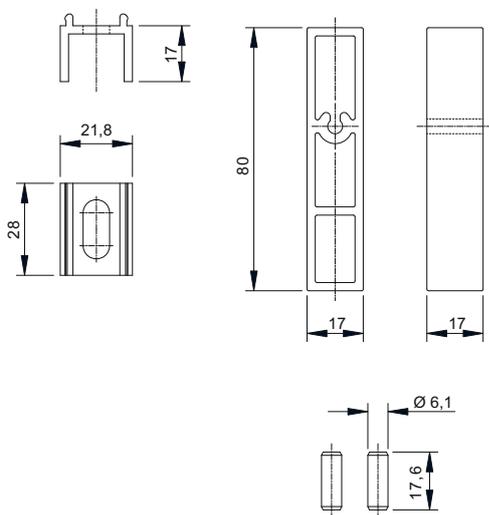
2453.805



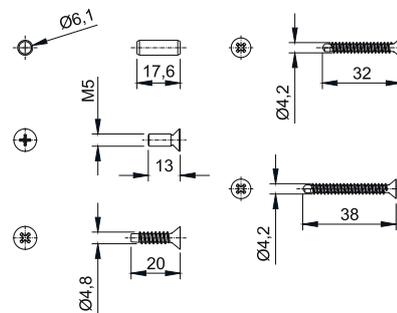
2453.806



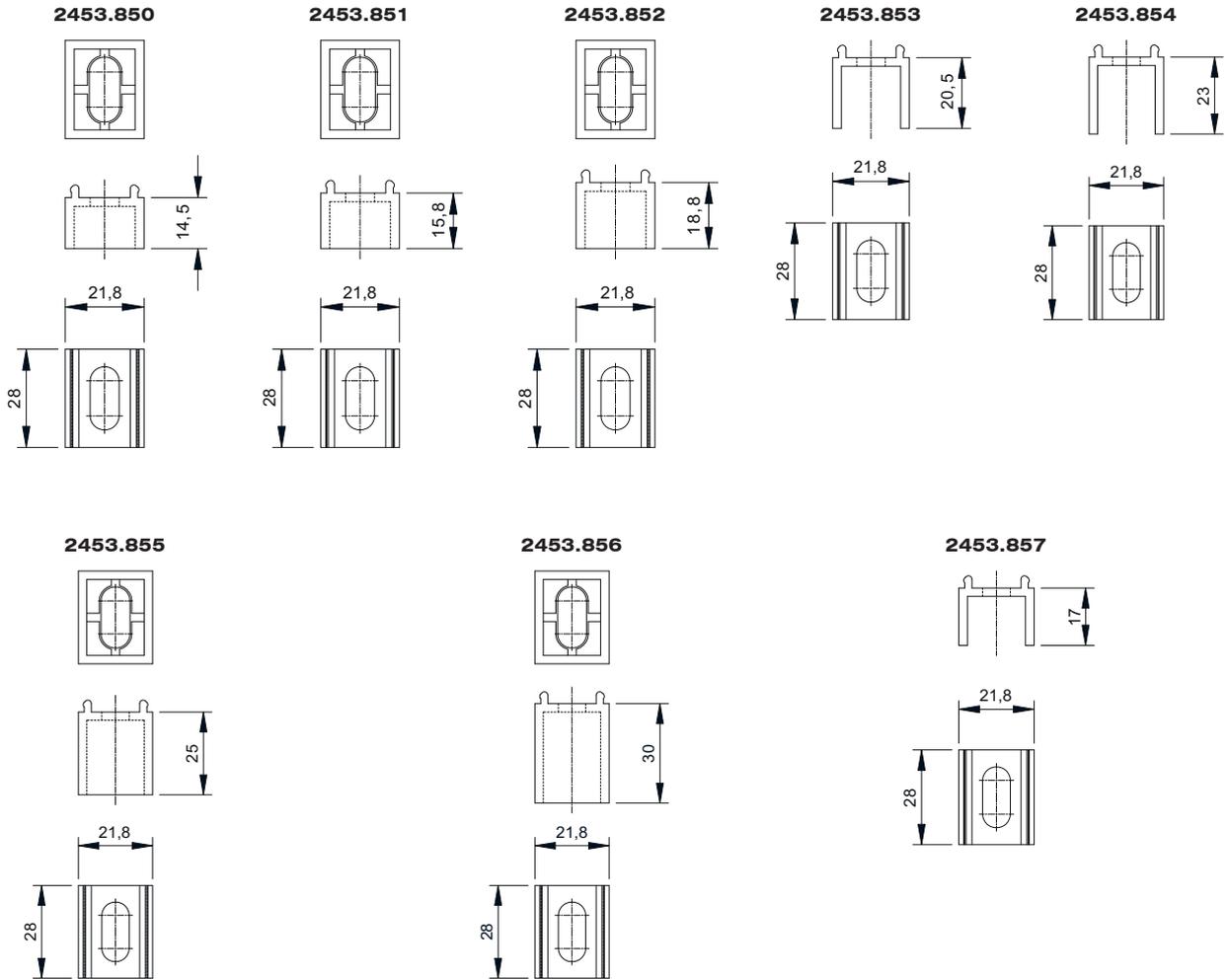
2453.807



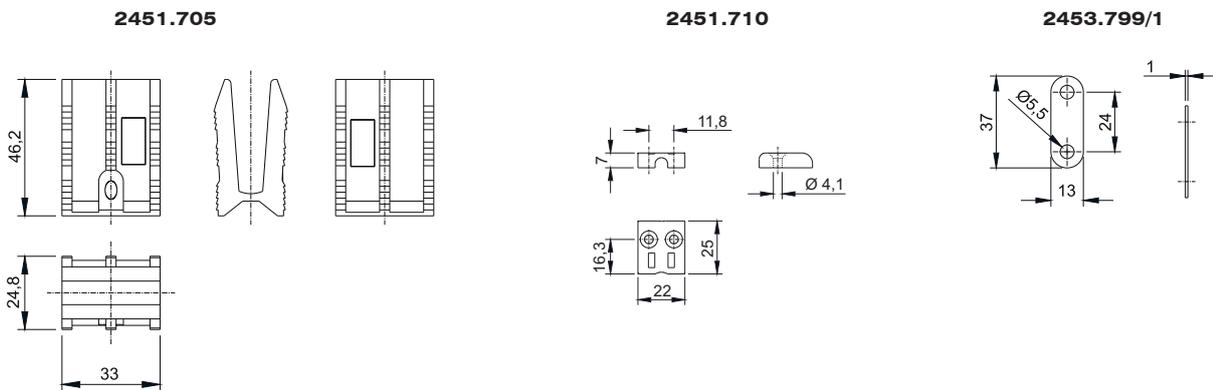
2453.808



Locking piece kit, small parts and adapters

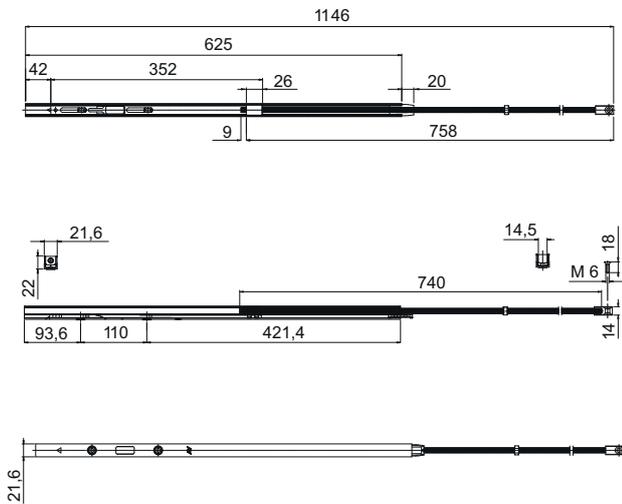


Complementary accessories

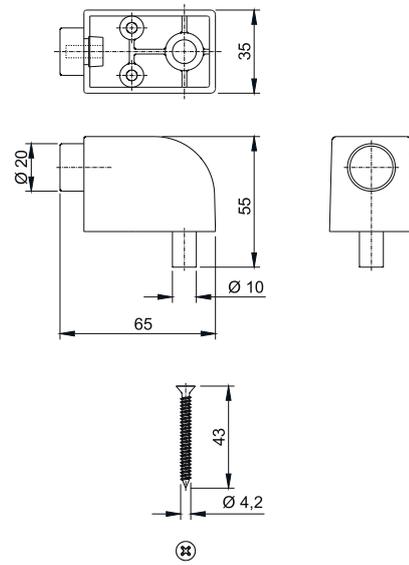


Complementary accessories

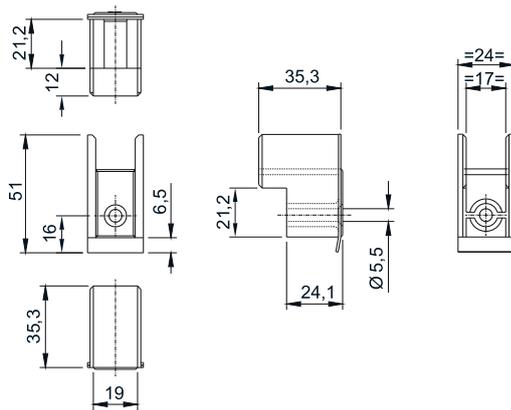
2453.810 - 2453.810KB



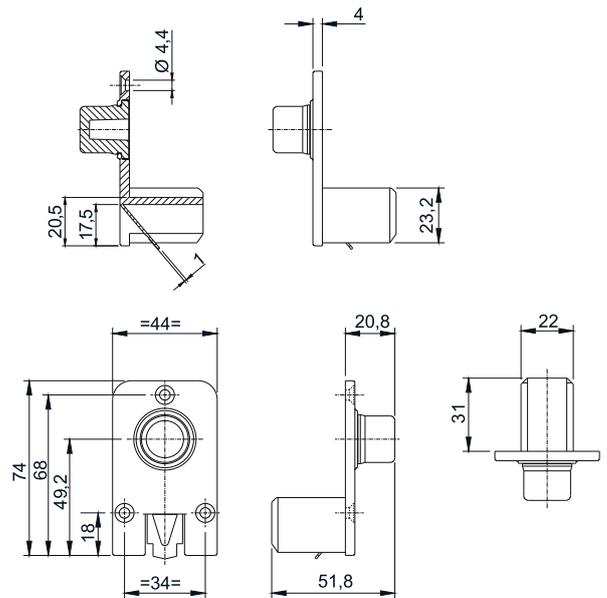
2453.815



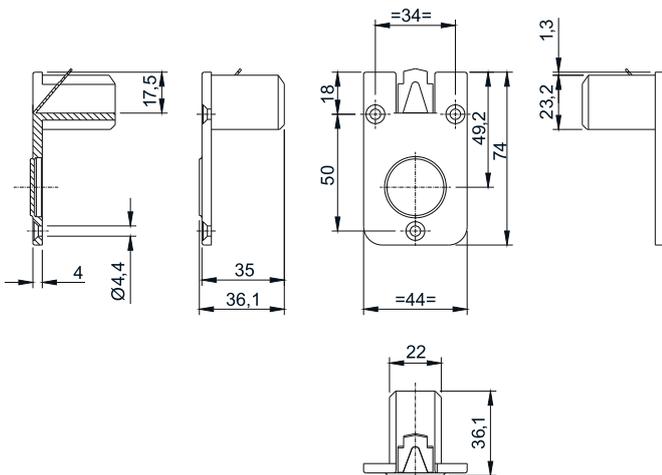
2453.820



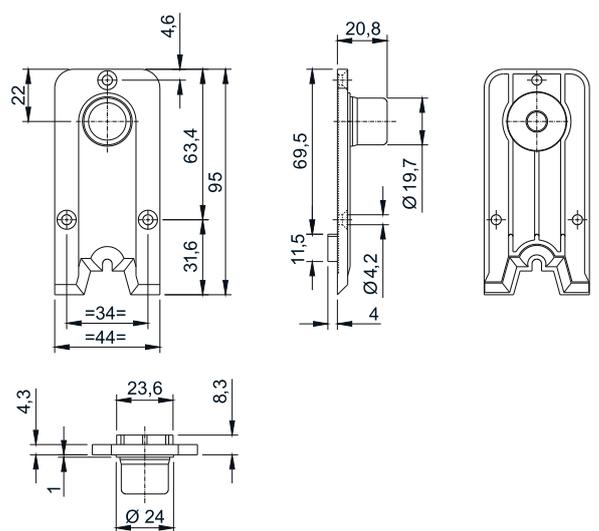
2453.821



2453.822

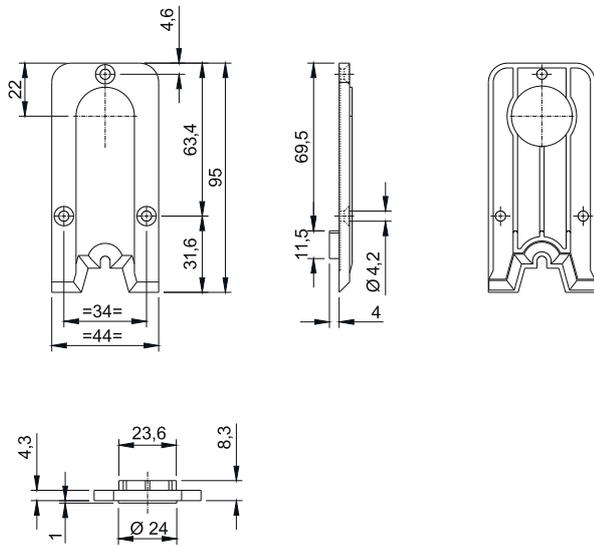


2453.823

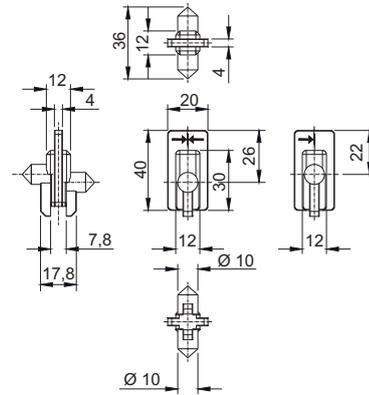


Complementary accessories

2453.824

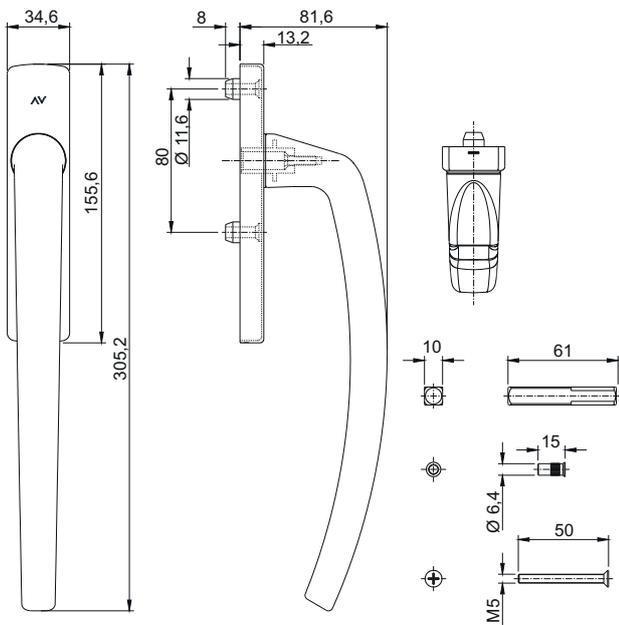


2453.901

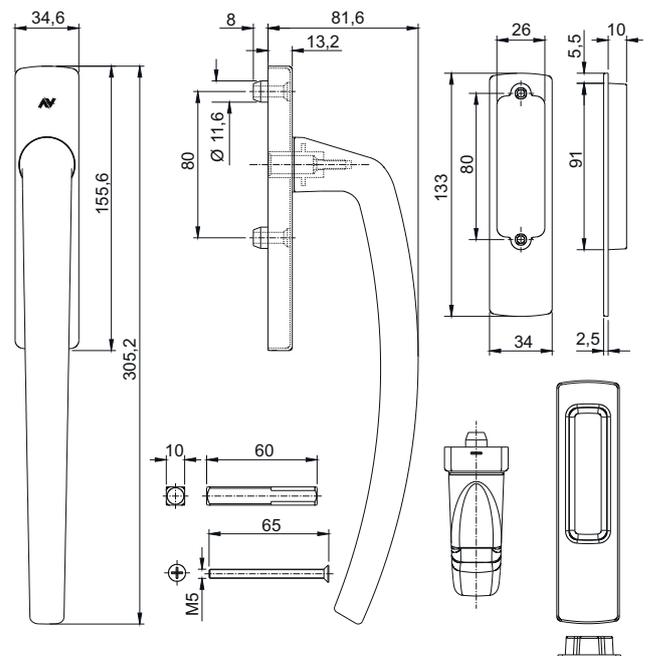


Handles and plates

1606.1



1606.2





Savio S.p.A.
Via Torino, 25 (S.S. 25) - 10050 Chiusa S. Michele (TO)
Tel. +39 011 964 34 64 - Fax +39 011 964 34 74
www.savio.it - export@savio.it

