

SLIDEART LS

New lift-and-slide mechanism



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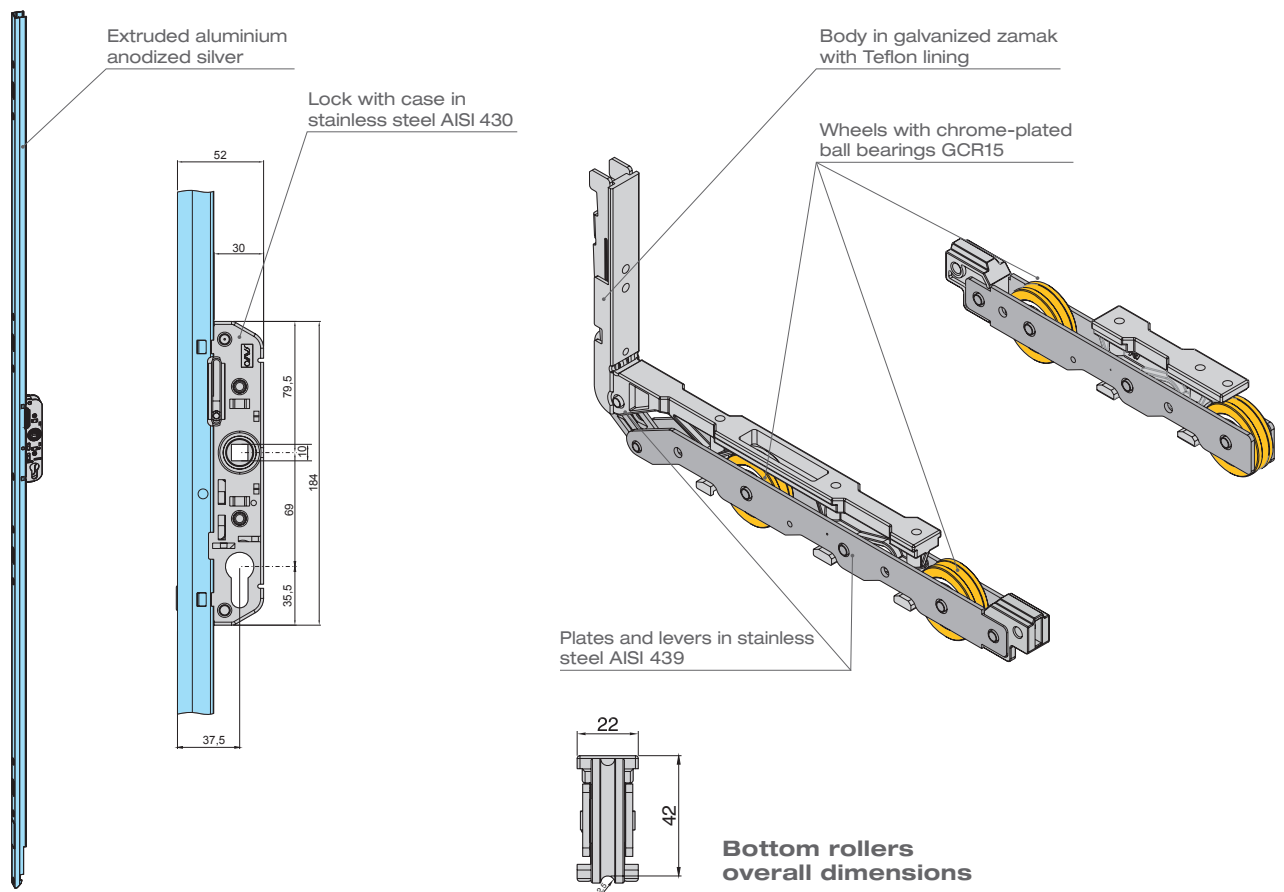
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MAIN CHARACTERISTICS:

- Very high load capacity: up to 300 kg;
- Wide field of application; sash L= 1100÷2850 mm H= 1800÷3100 mm;
- Very smooth sliding movement, special ball bearing and special lining on the wheels;
- Can be adapted to most profiles: wide range of spacers and locking pieces;
- Elimination of architectural barriers; suited for profiles flush with the floor;
- Large assortment of accessories available in kits or as single components;
- Anti-burglar security with pre-setting for cylinder with European shape;
- Extremely high corrosion strength, extensive use of stainless steel for the components.



TECHNICAL DRAWINGS

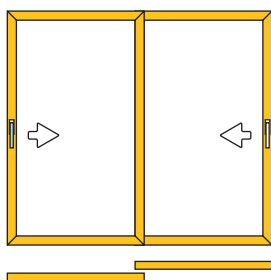


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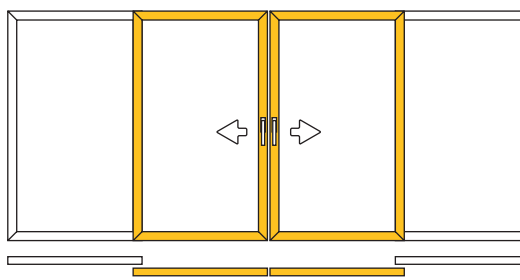
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OPENING TYPES

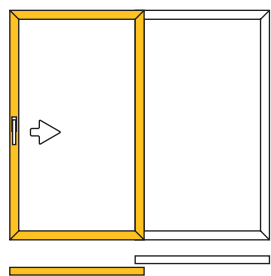
By combining multiple basic accessories, different types of openings can be obtained with 2, 3 or 4 sashes.



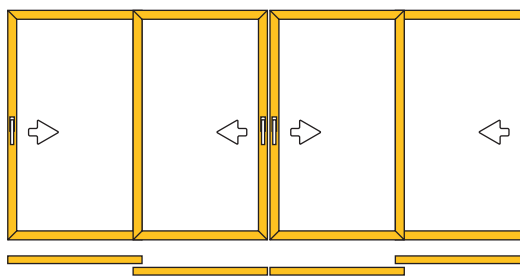
Type FA
N°2 sashes
that can be opened



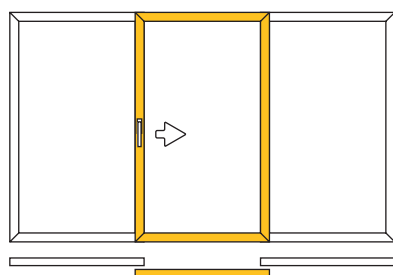
Type FC
N°2 sashes
that can be opened



Type FD
N°1 sash
that can be opened



Type F aF
N°2 sashes
that can be opened



Type FG
N°1 sash
that can be opened

— fixed sash
— opened sash

Packaging: to facilitate the marketing of this product on different markets, it was decided to sell all the articles separately, component by component.

SAMPLE KIT	CONSISTING OF	DESCRIPTION	N°
#2453.800 kit with screws and spacers #2453.37	2453.751/14	14,5 mm spacer and screw 4,8 x 30	1
	2453.750/14	14,5 mm spacer	8
	2453.701	connection pin	2
	2453.713	roller/handle connection screw	1
	2453.702/5	handle screw 4,2 x 56	10
	2453.703/3	handle screw 4,2 x 32	6

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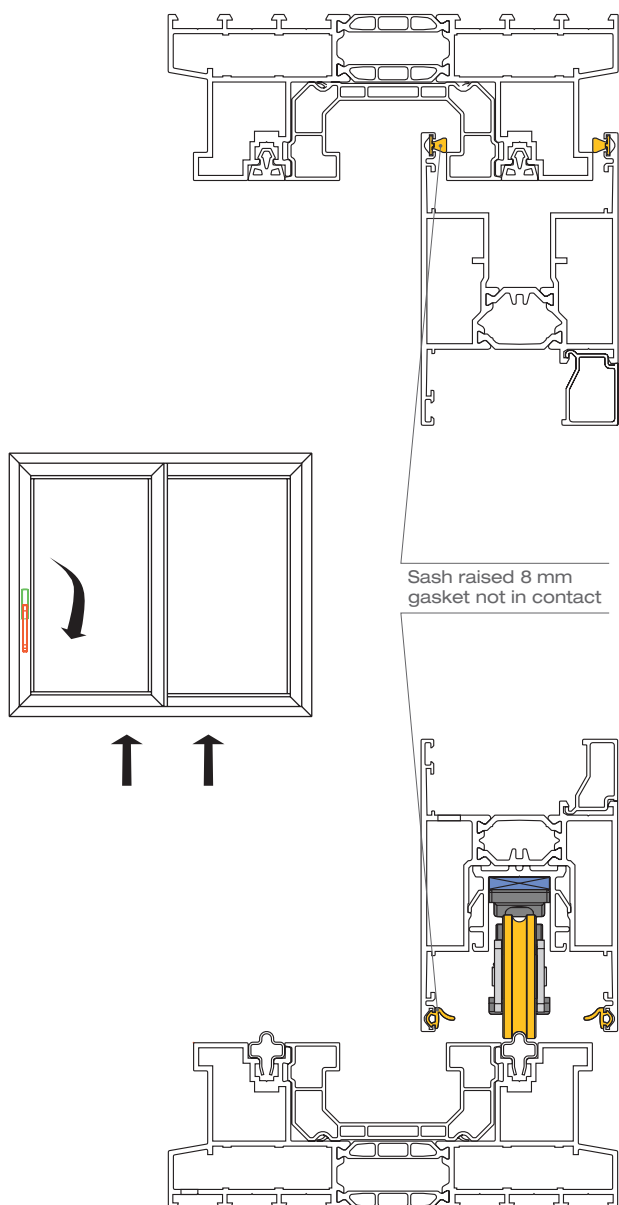
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OPERATION

Opening position

By rotating the handle, the special rollers make it possible to lift the sash (by 8 mm) in order to eliminate contact with the gasket during the sliding movement.

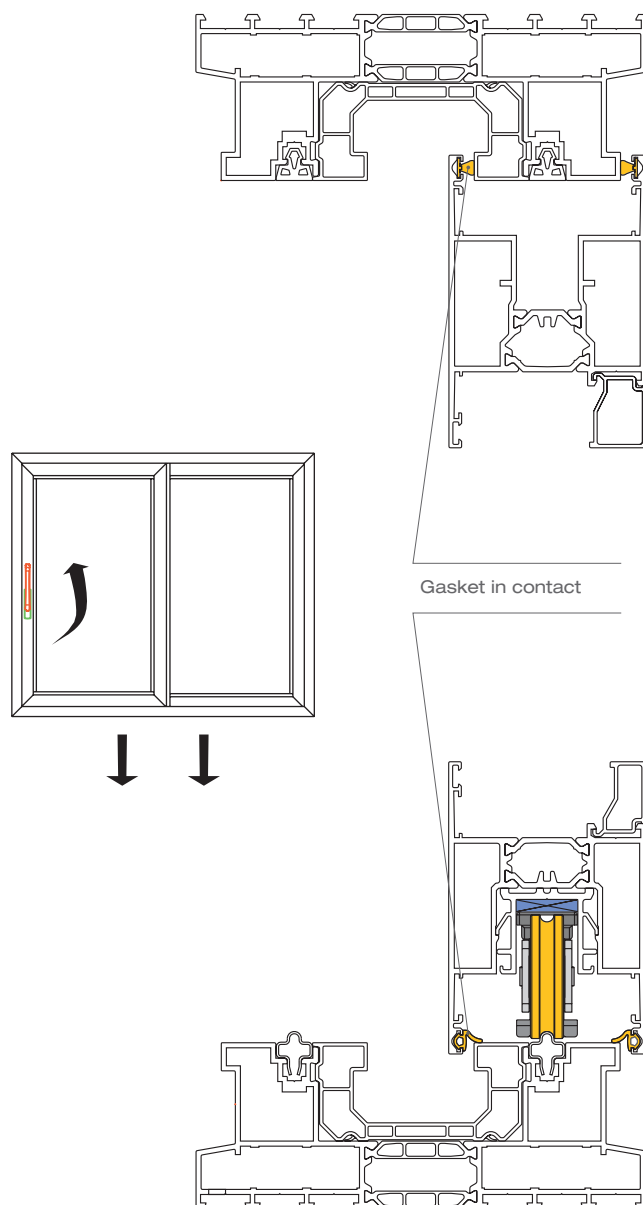
Handles rotation releases the closing points located on the sash jamb, freeing them from the locking pieces fixed to the frame jamb.



Closing position

To close the window, simply rotate the handle in the opposite direction to lower the sash and ensure excellent contact with the gasket along the entire perimeter.

The entire mechanism is designed to cut down to a minimum the handle rotation effort.

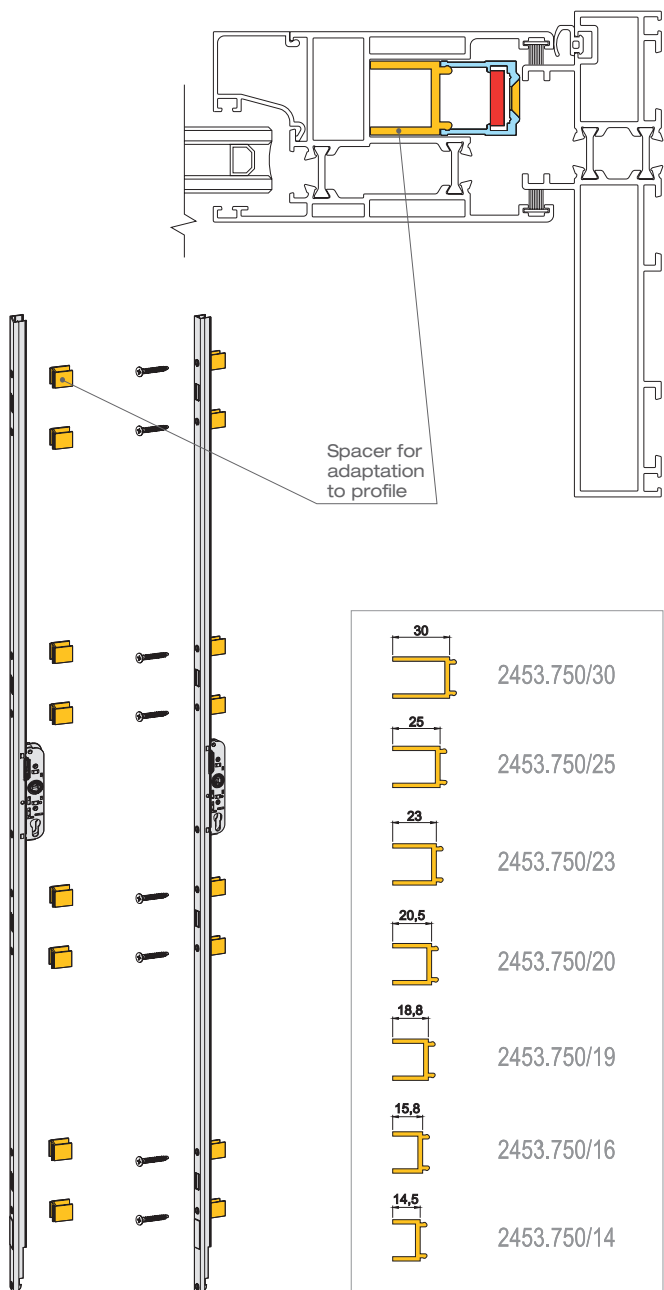


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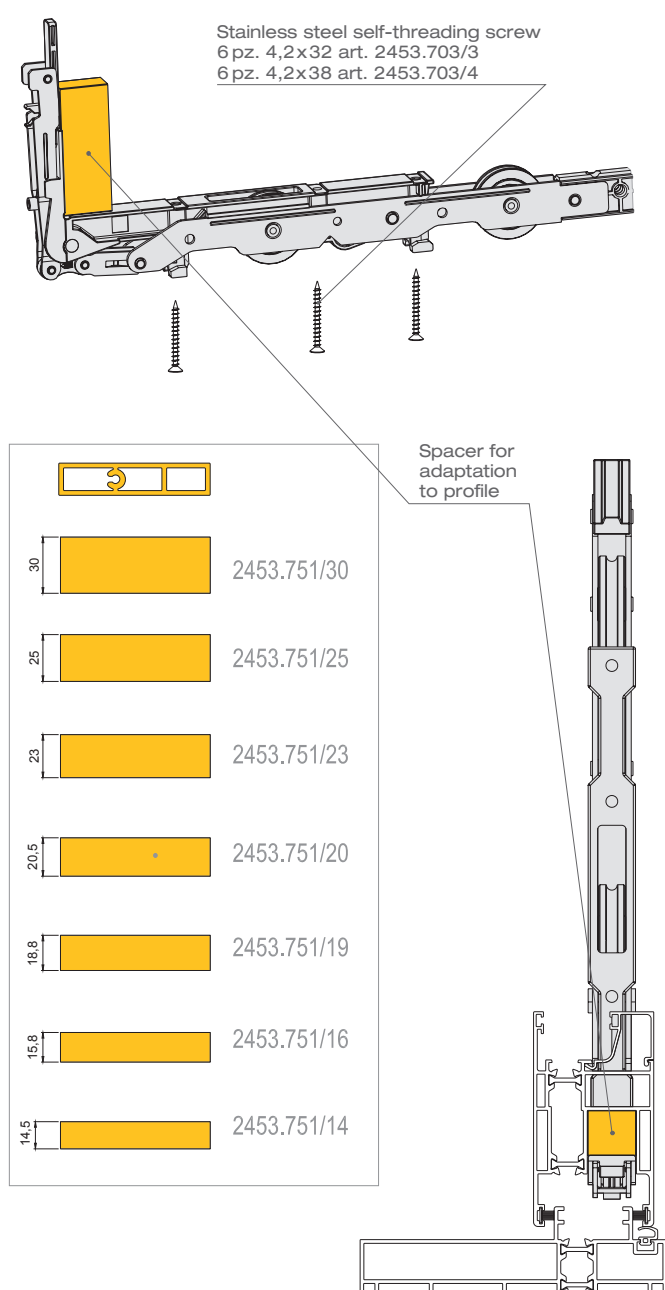
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ADAPTING TO THE PROFILES

In order to adapt the mechanism to the various profiles, you can only apply spacers to fill in the gap between the lock jamb and the aluminium profile.



In order to adapt the bottom roller to the various profiles, you can apply spacers that fill in the gap between the lock jamb and the aluminium profile.

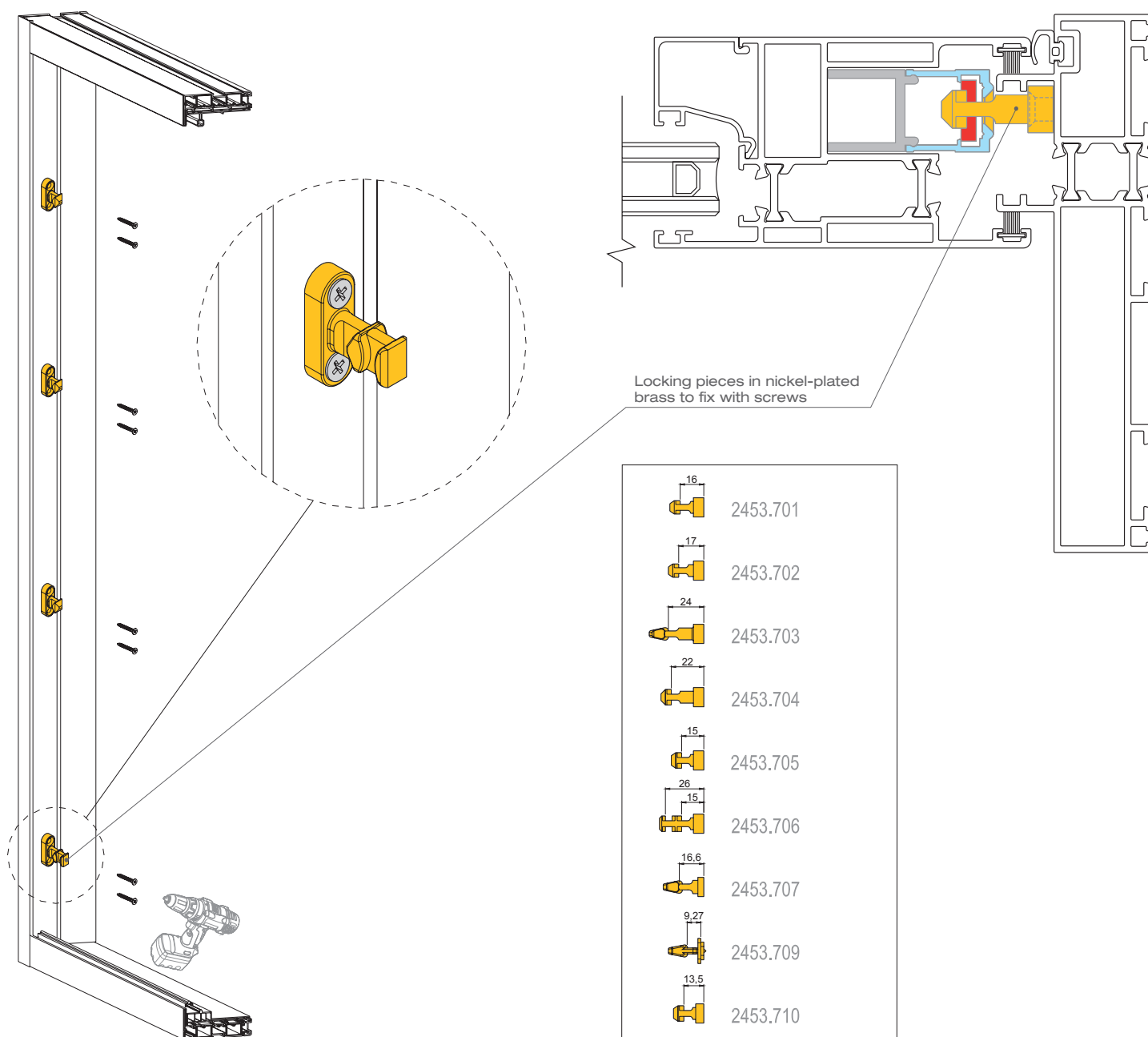


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ADAPTING TO THE PROFILES

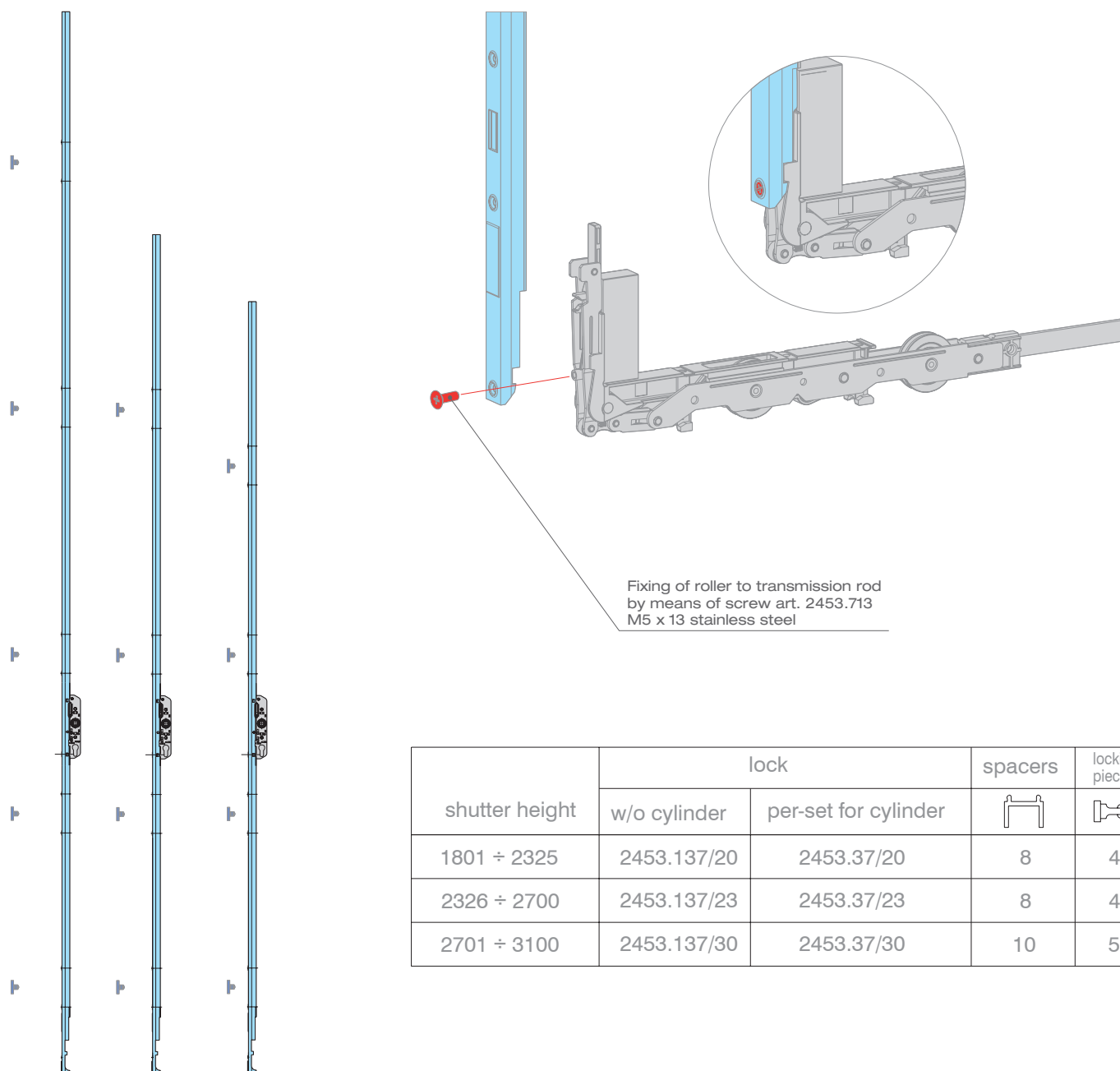
In order to adapt the closing points to the various profiles, locking pieces of various lengths are available.





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Fixing of roller to transmission rod by means of screw art. 2453.713 M5 x 13 stainless steel

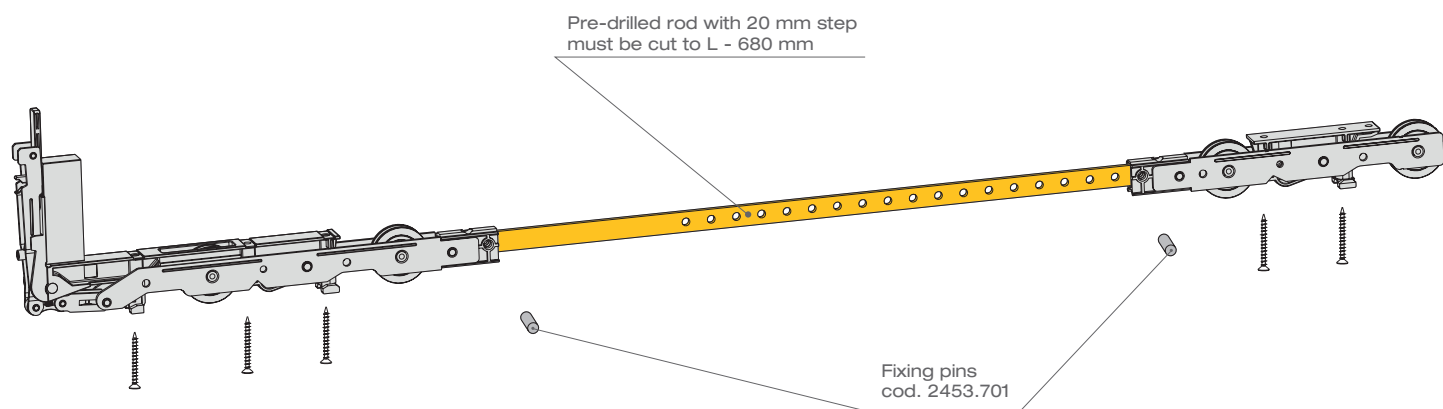
shutter height	lock		spacers	locking pieces
	w/o cylinder	per-set for cylinder		
1801 ÷ 2325	2453.137/20	2453.37/20	8	4
2326 ÷ 2700	2453.137/23	2453.37/23	8	4
2701 ÷ 3100	2453.137/30	2453.37/30	10	5

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CONNECTING THE ROLLERS

Connection between two rollers occurs by means of a pre-drilled rod that can be cut in order to adapt it to the sash width. Available in two versions: one in galvanized steel and one in stainless steel AISI 430 (recommended).



connection rod			
rod length	sash width	stainless steel AISI 430	galvanized steel
895 mm	1100 ÷ 1500 mm	2451.701/90	2451.700/90
1500 mm	1500 ÷ 2150 mm	2451.701/150	2451.700/150
2200 mm	2150 ÷ 2850 mm	2451.701/220	2451.700/220

