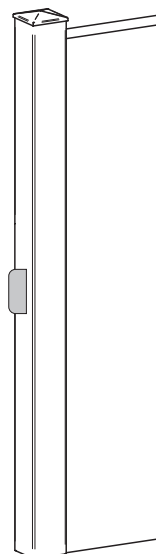
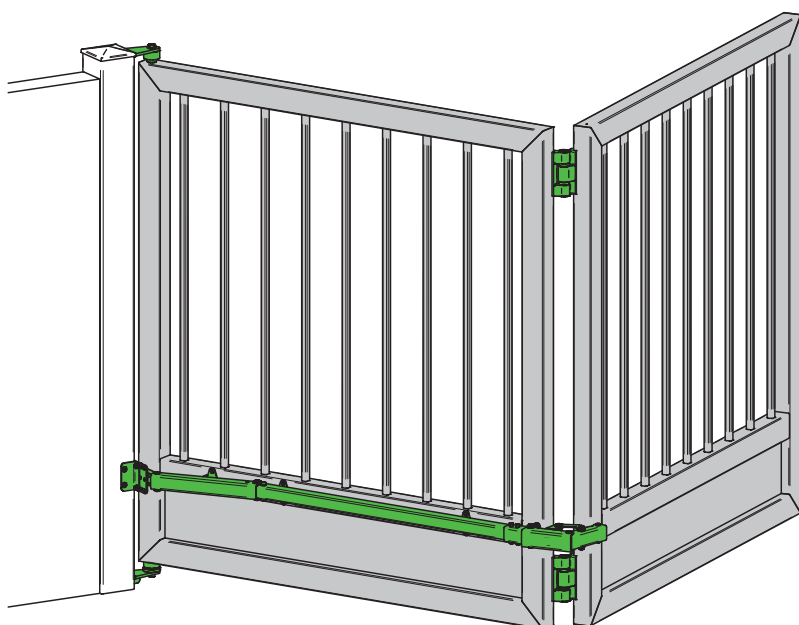


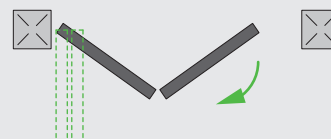
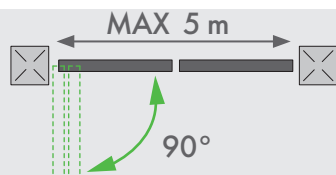


FS-250

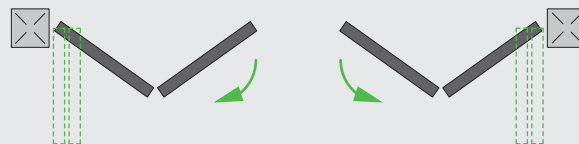
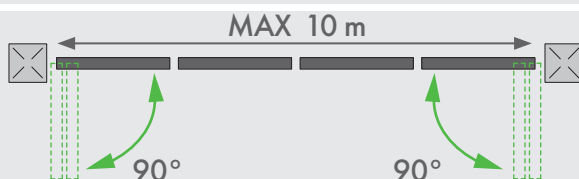
Galvanized accessories and aluminum hinges kit for the construction of the bi-folding opening gate.



for single gate
1x - FS-250



for double gate
2x - FS-250

**HINGE KIT1** WITH ROUND HINGE TO WELD

	Round upper Hinge	
	Round bottom Hinge	

HINGE KIT2 WITH HINGE FOR SQUARE TUBULAR 40

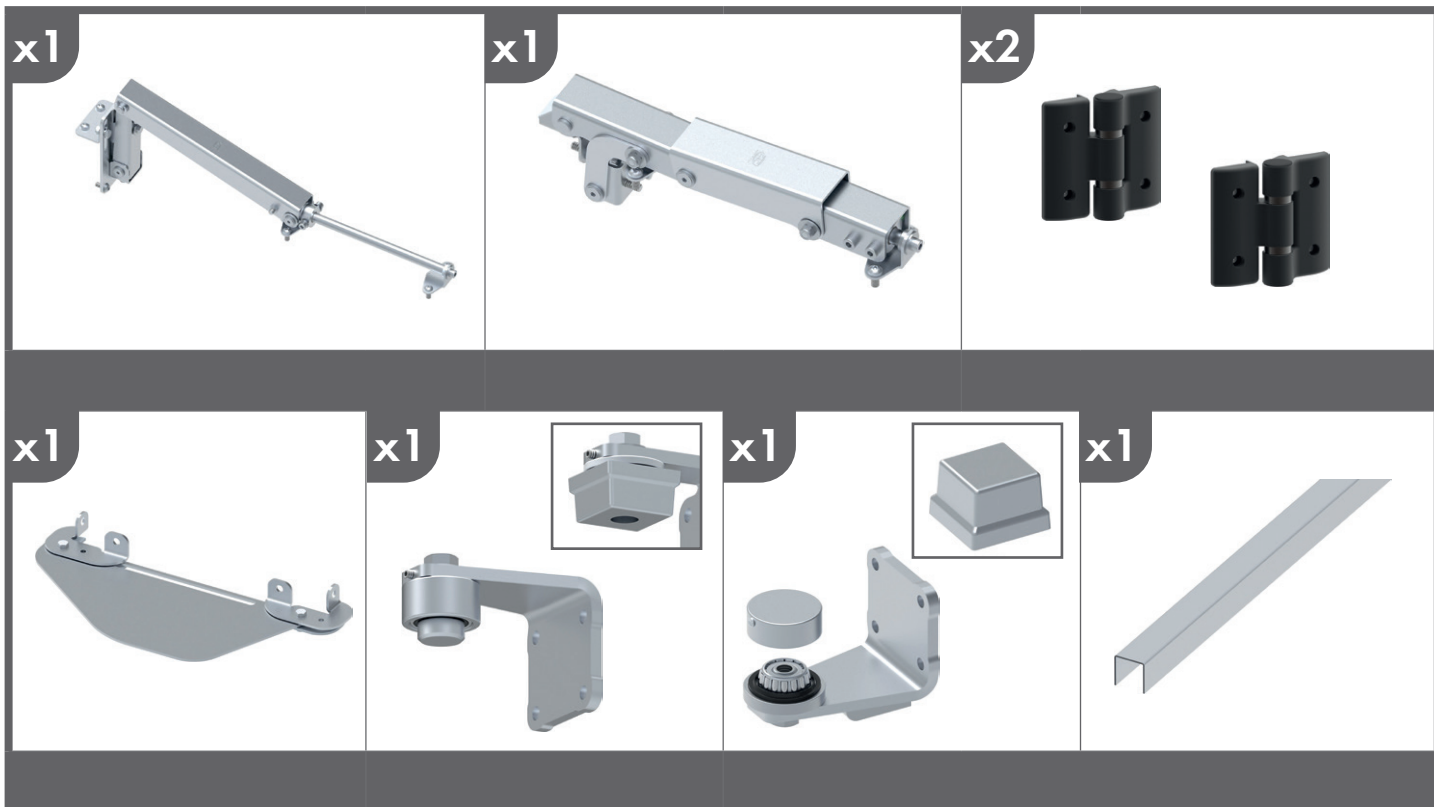
	Upper Hinge for square tubular 40 mm	
	Bottom Hinge for square tubular 40 mm	

HINGE KIT3 WITH HINGE FOR SQUARE TUBULAR 50

	Upper Hinge for square tubular 50 mm	
	Bottom Hinge for square tubular 50 mm	



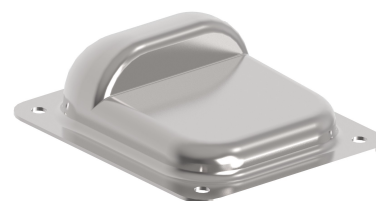
COMPONENTS



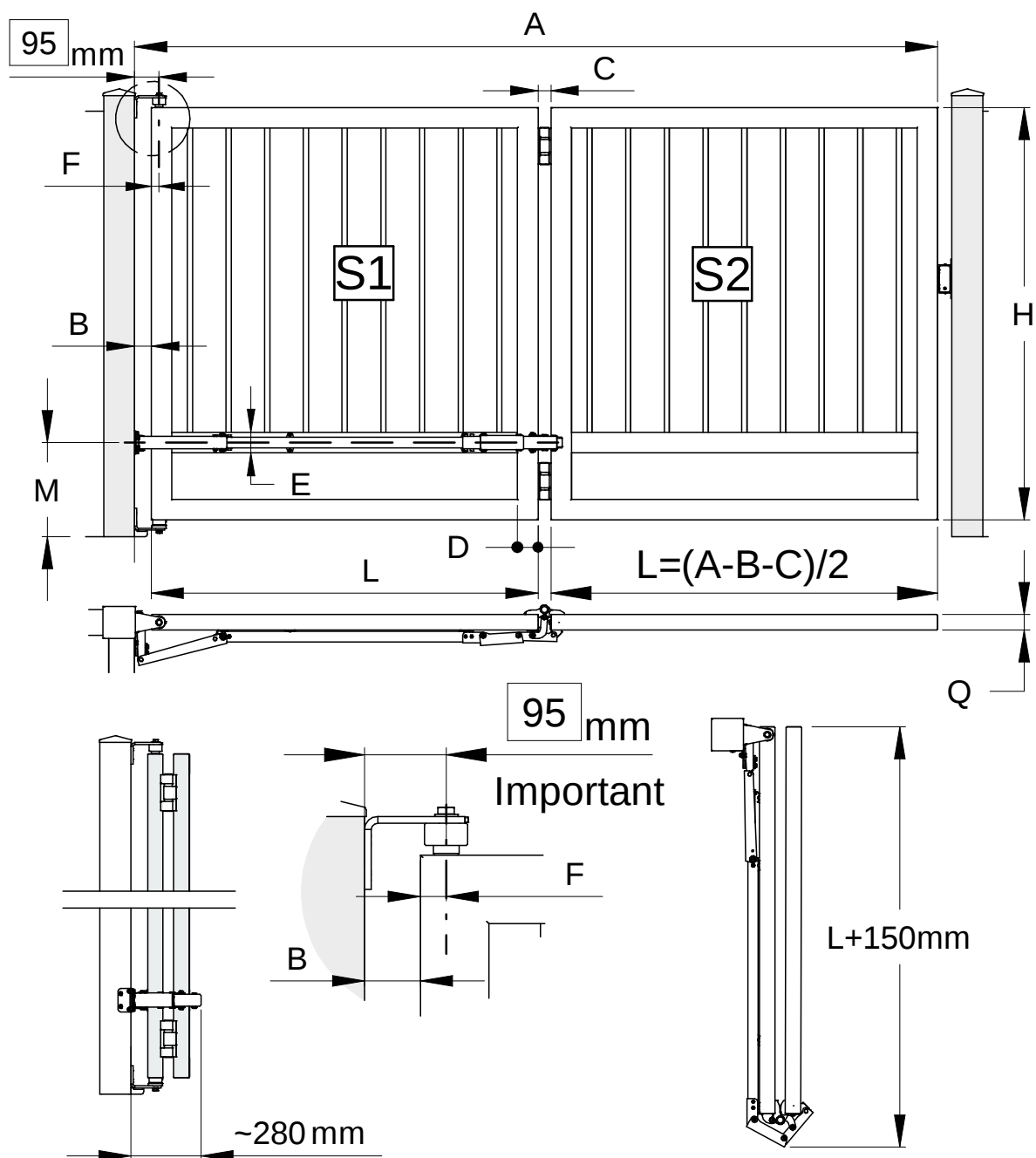
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B1/32



SIZES CHART

A min-max (m)	B min (mm)	C (mm)	D min (mm)	E min (mm)	M	L min (m)	Q (mm)	A/H max
1,9 - 5	65	50	50	80	vicinity to engine	0,89	40-50-60	3

Opening A (m)	L (m) with B=0,07 m	max S2 (kg)
2	0,94	205
2,5	1,19	170
3	1,44	145
3,5	1,69	120
4	1,94	105
4,5	2,19	95
5	2,44	85

EXAMPLE OF OUT-OF-TABLE MEASUREMENTS

A = 2,8 m

B = 70 mm

C = 50 mm (as per above table)

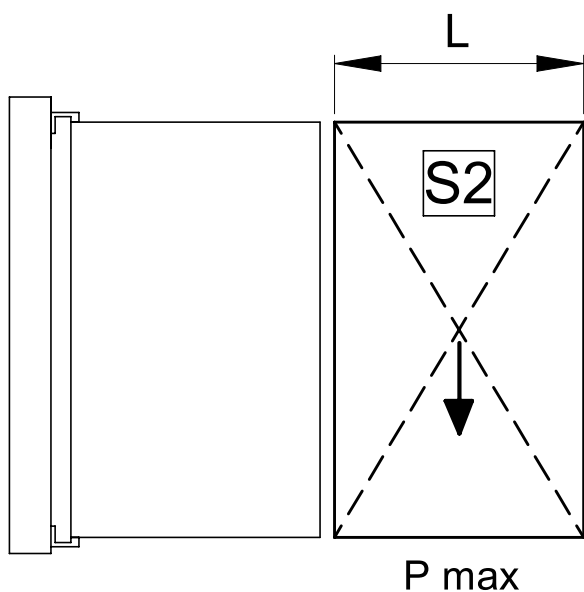
 $L = (A - B - C) / 2$ $L = (2,8 - 0,07 - 0,05) / 2$

L = 2,68/2

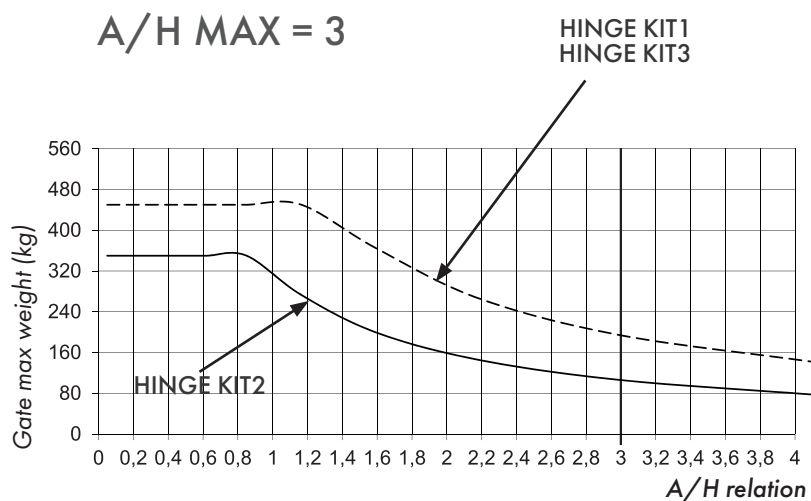
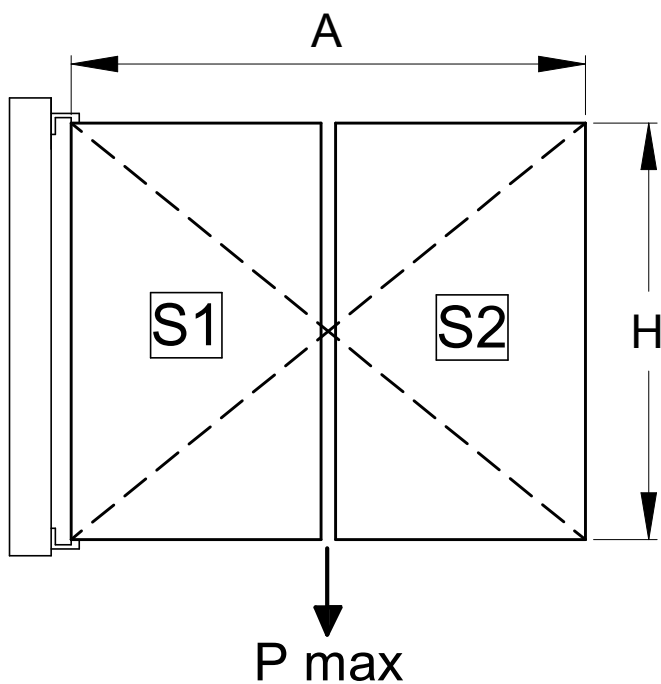
L = 1,34 m



MAX WEIGHT S2 IN RELATION TO L



HINGES WEIGHT CAPACITY IN RELATION TO A/H

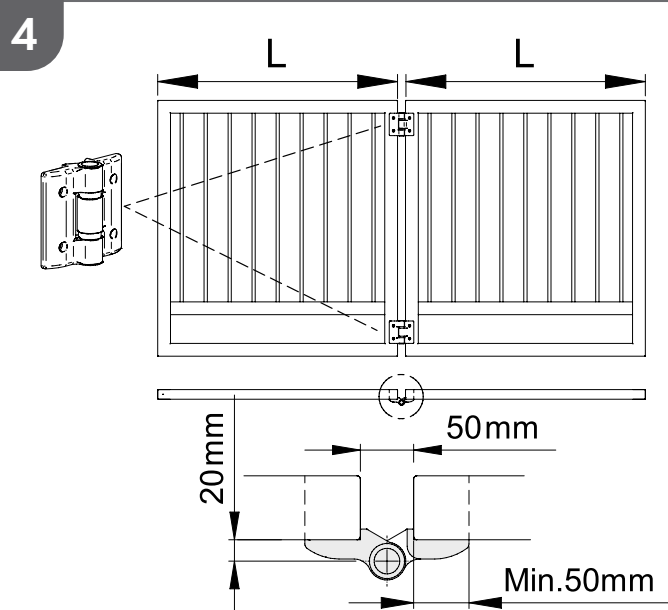
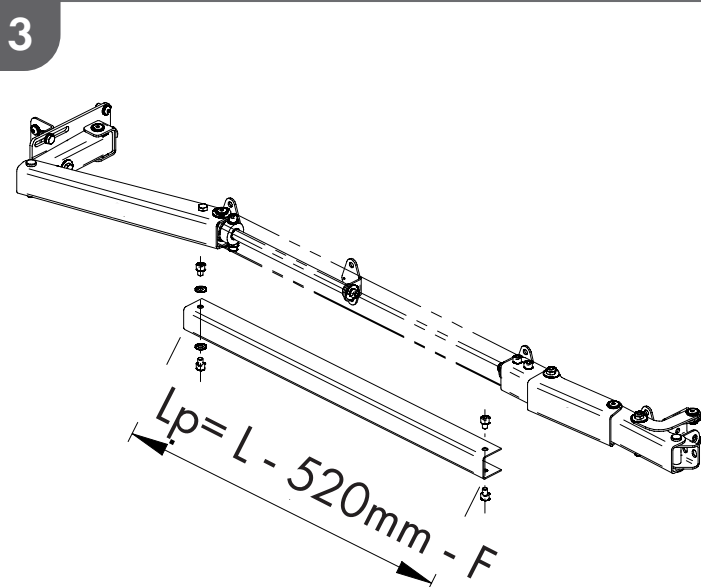
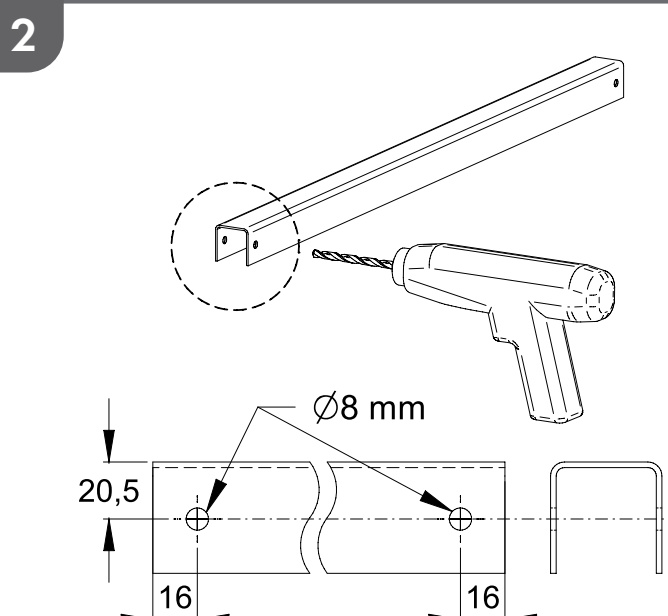
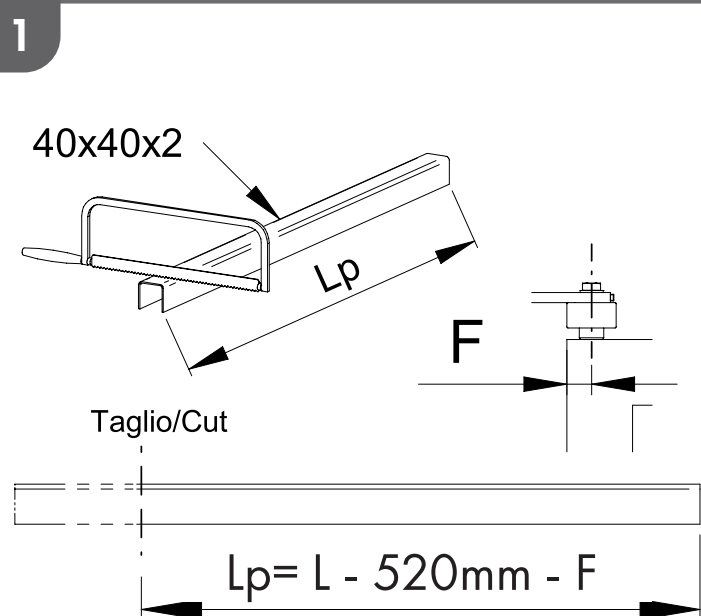


The crossing point between weight and A/H relation must be under the curve of the chosen kit.



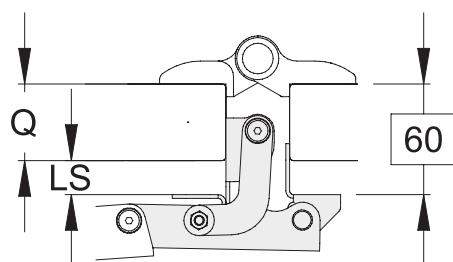
TECHNICAL INFO

1. For motorized gates provide slow starting points, soft stops and suitable speed in order to avoid elastic effects between the leaves. Accelerations, decelerations and high-speed variations can shorten the system duration and can cause malfunctions and disruptions.

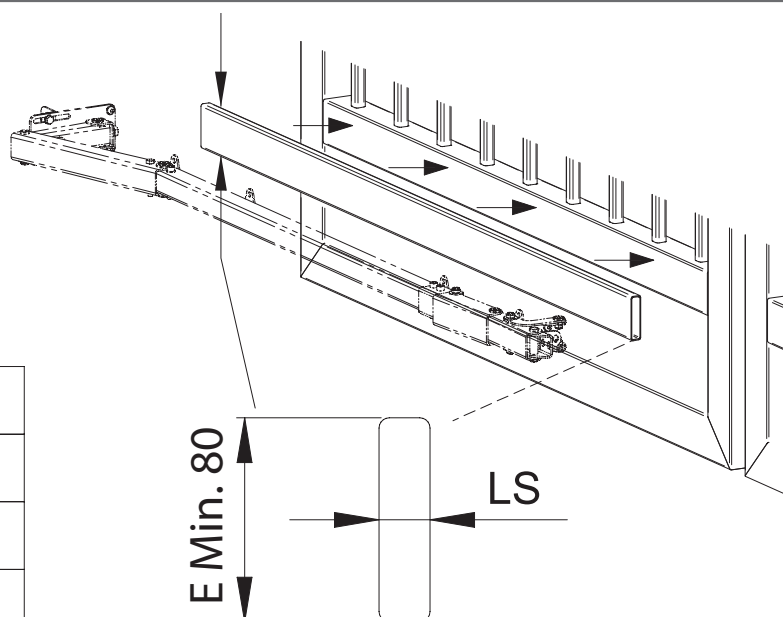




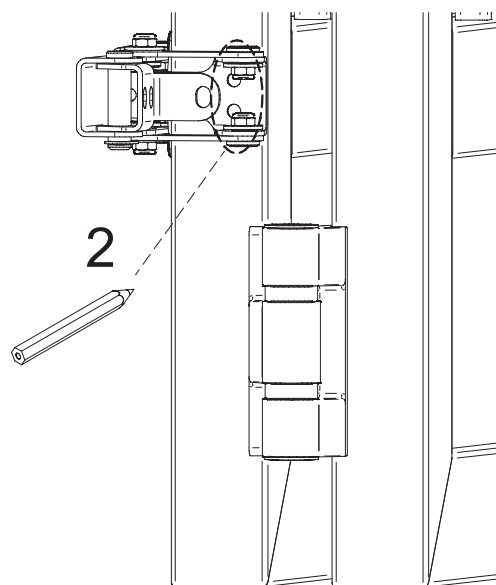
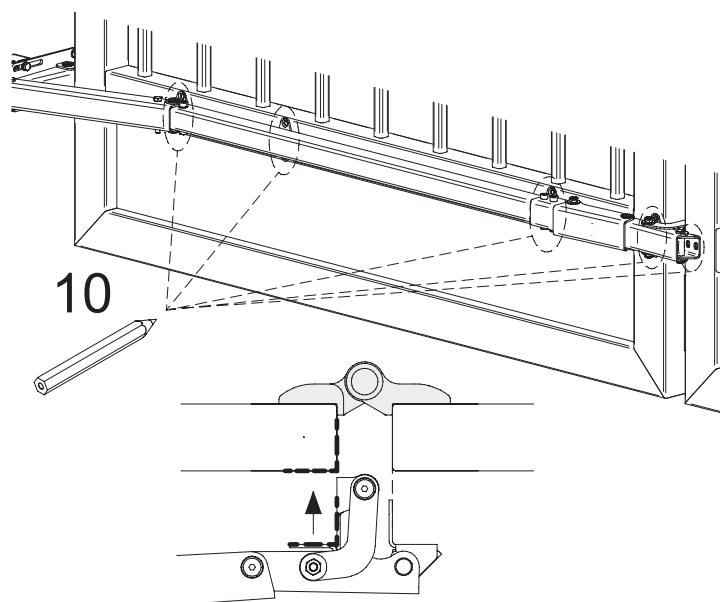
5



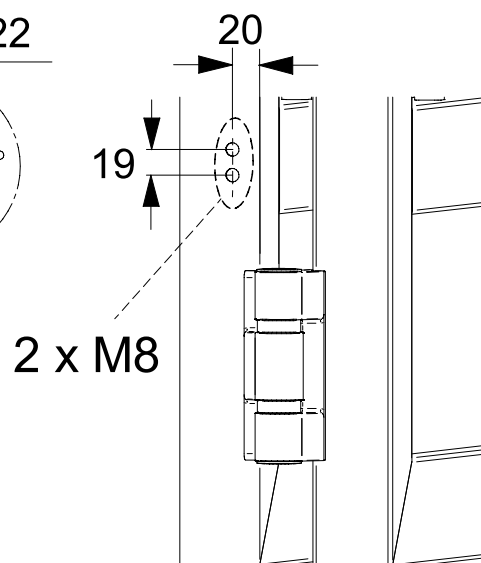
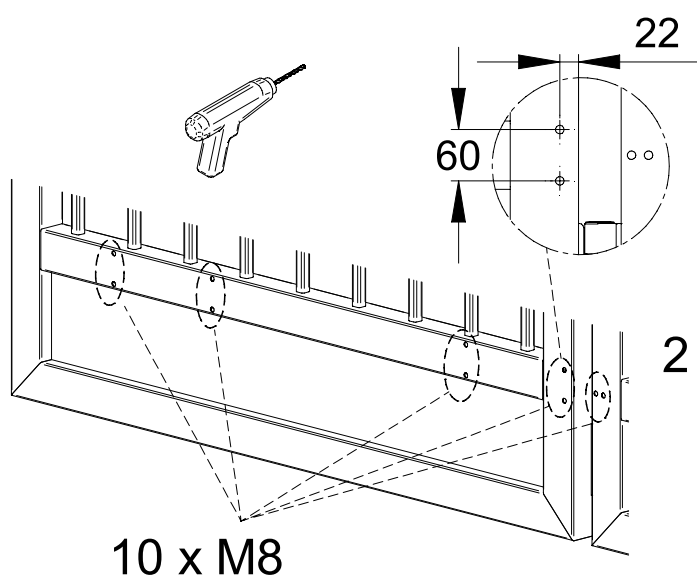
Q (mm)	LS (mm)
40	20
50	10
60	/



6



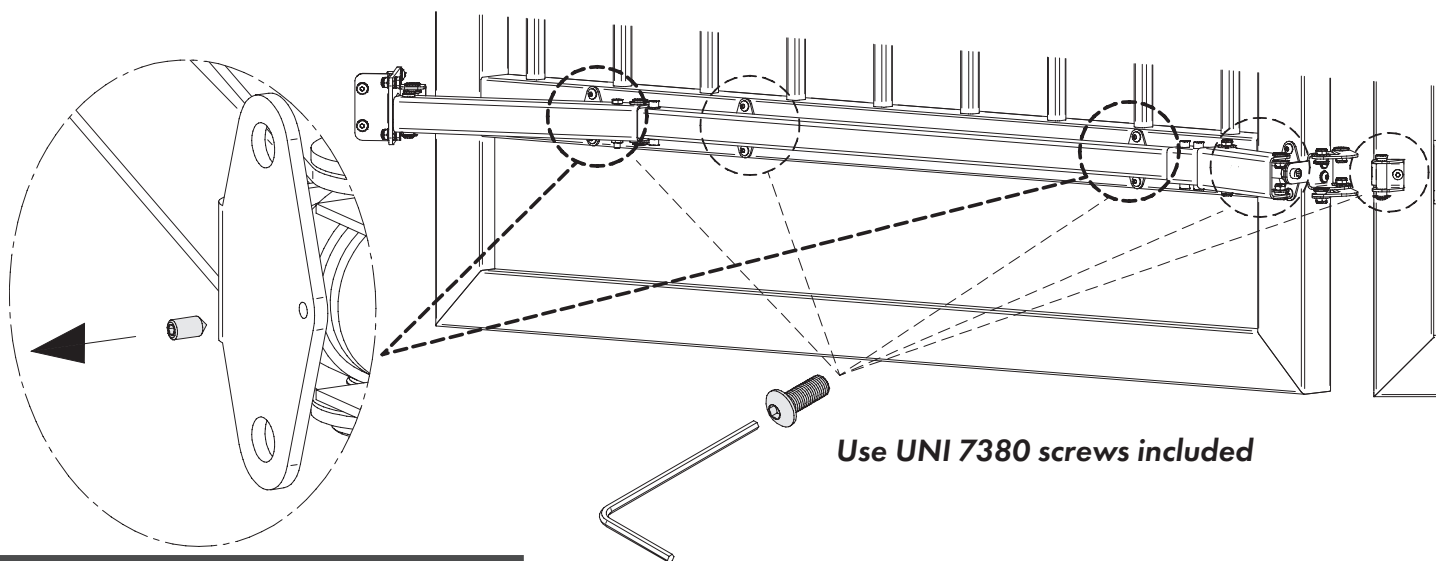
7



10 x M8



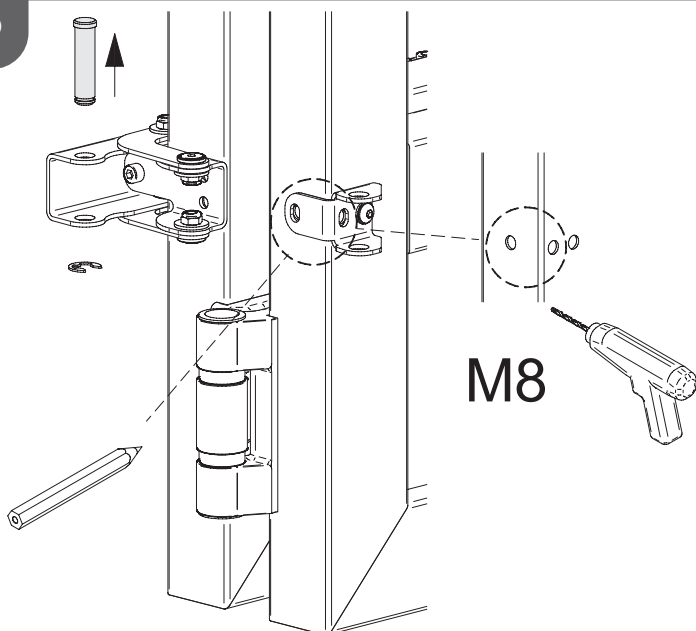
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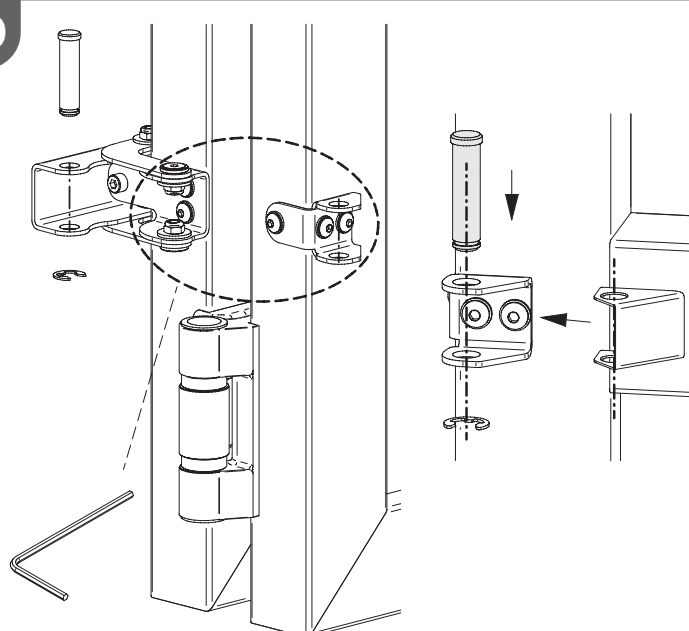
Remove before fixing



9

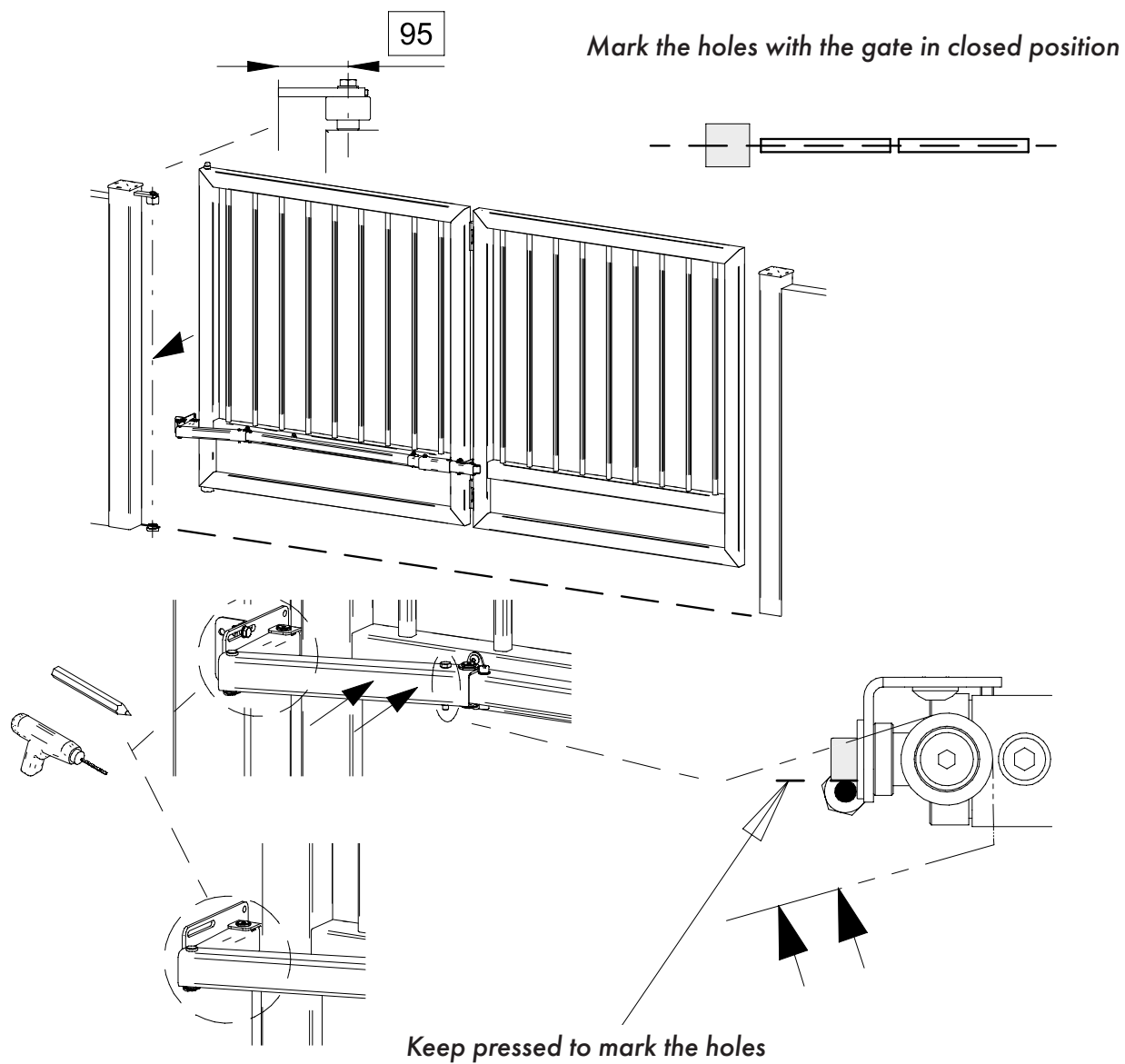


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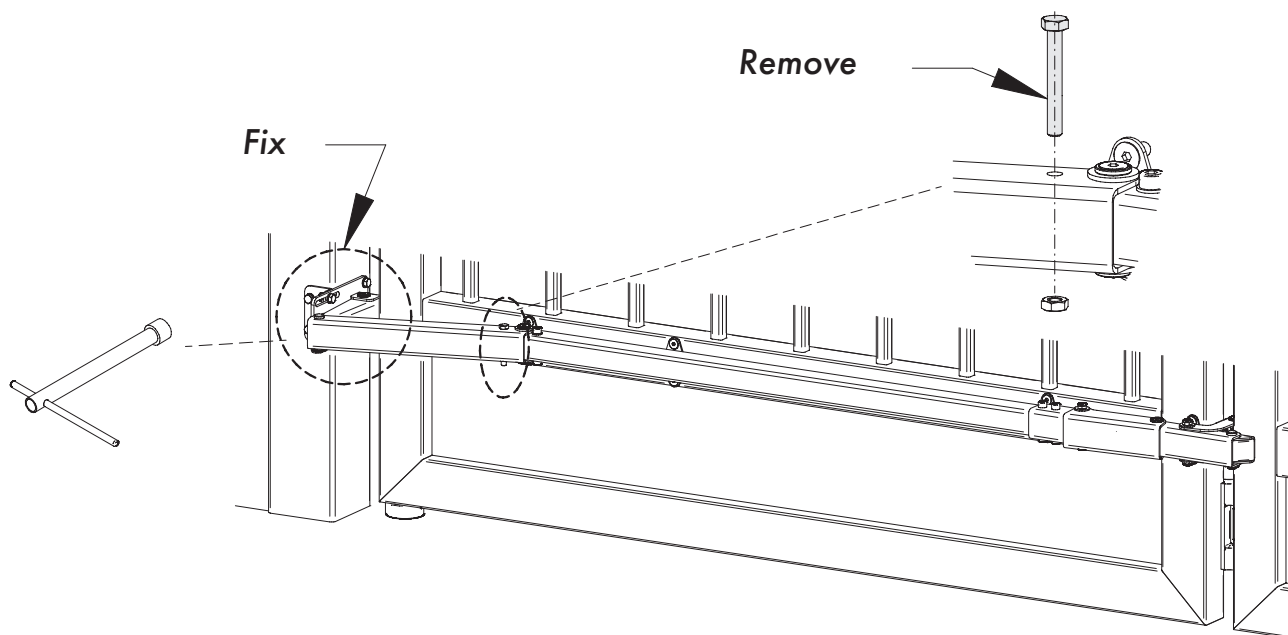




11

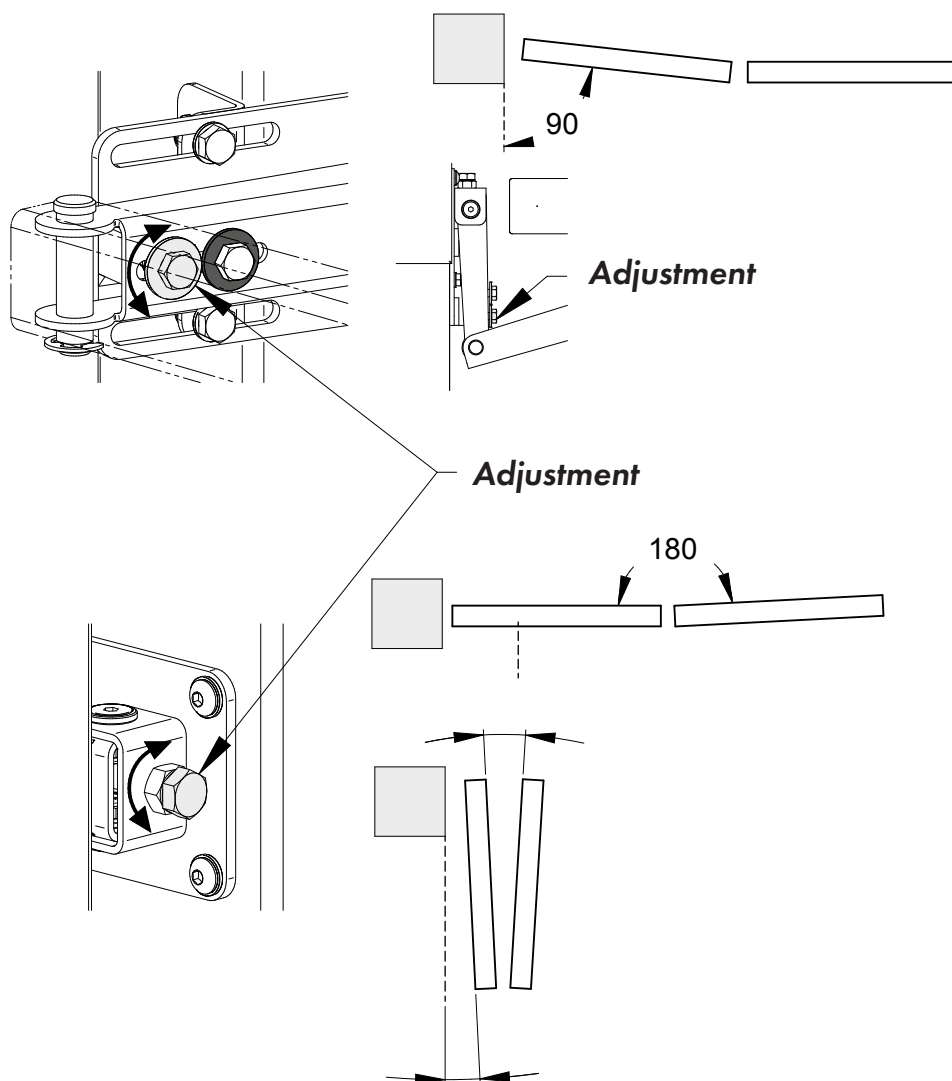


12

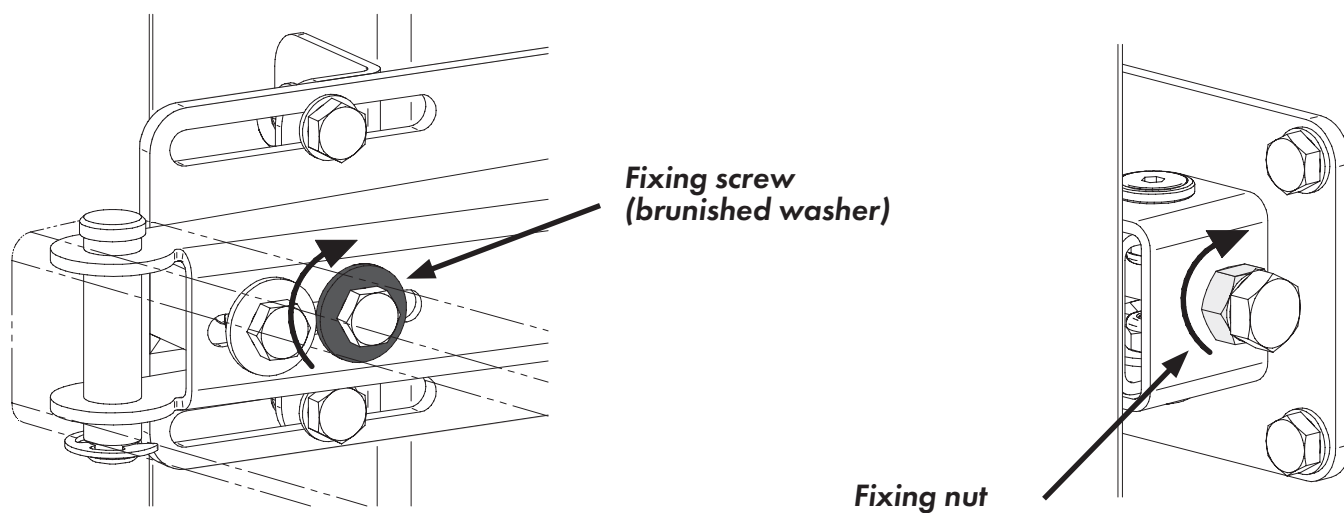




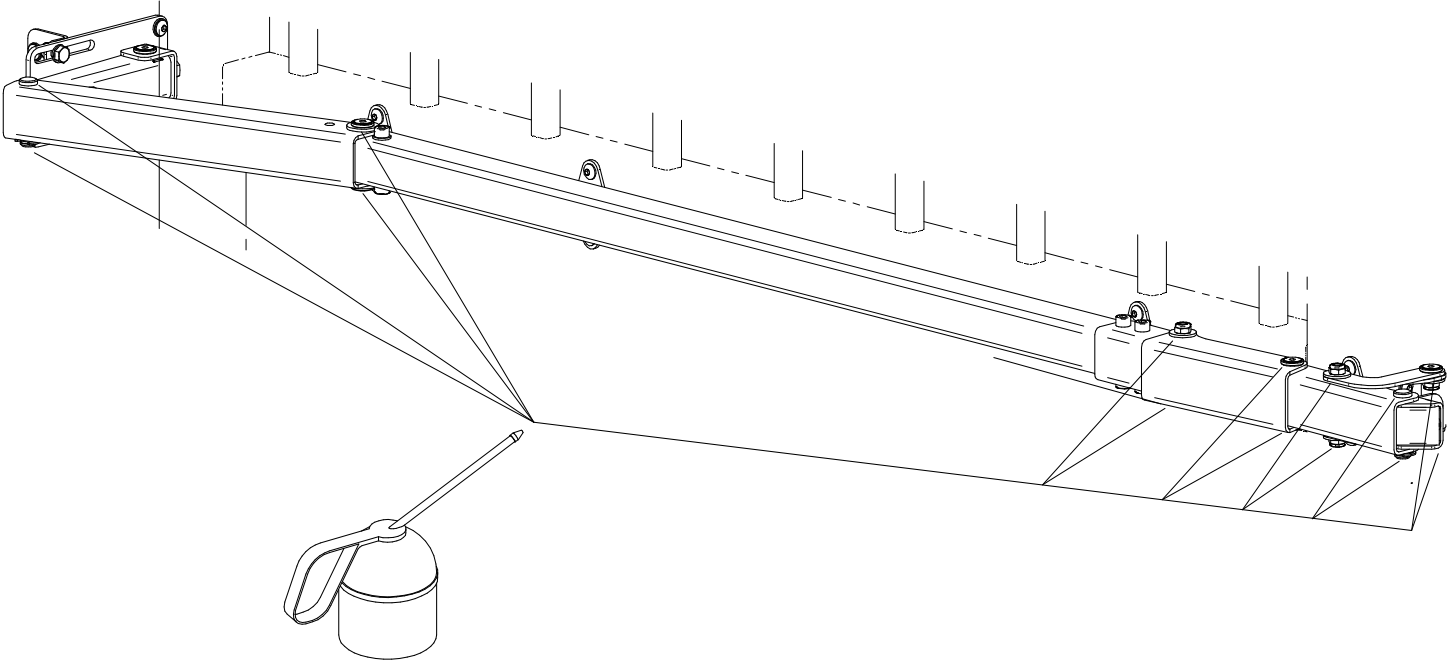
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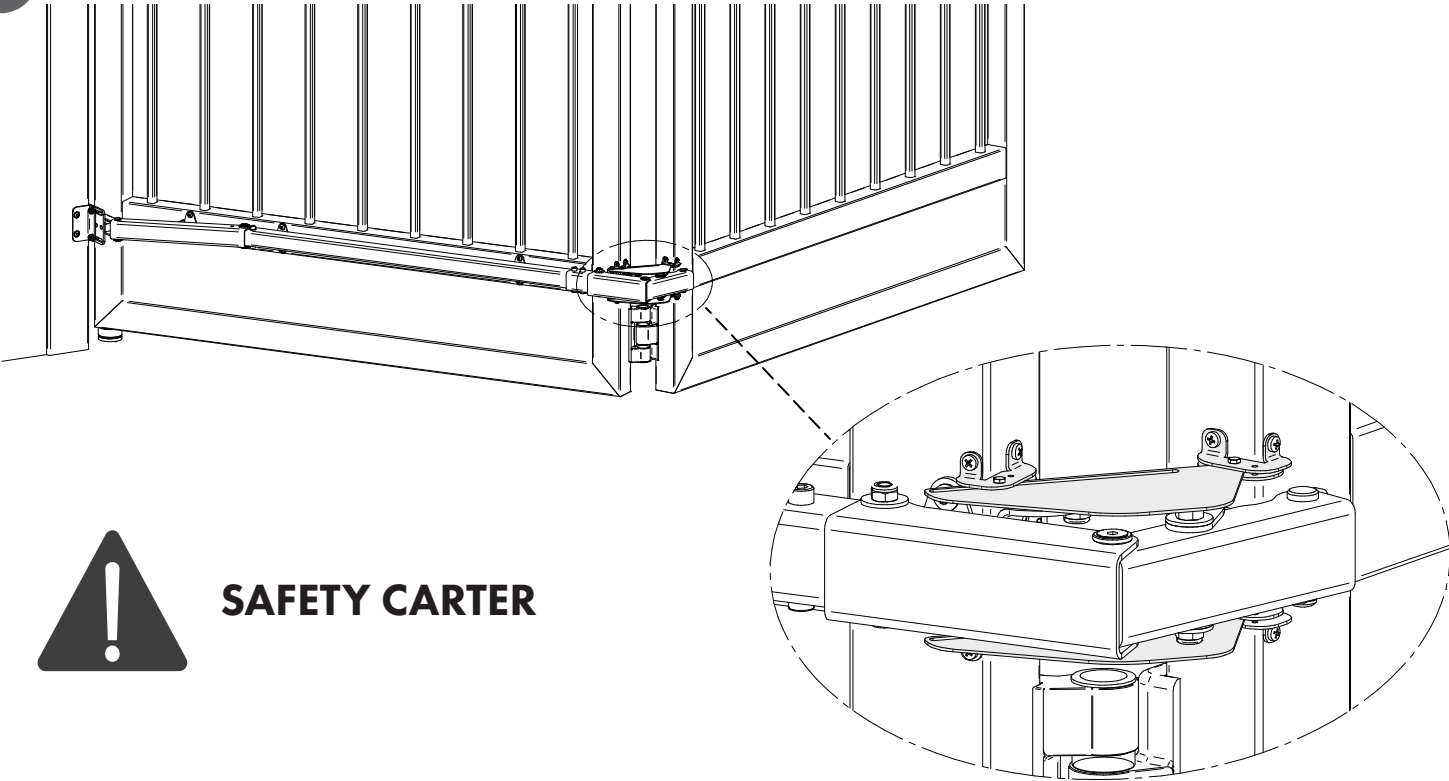
14



15



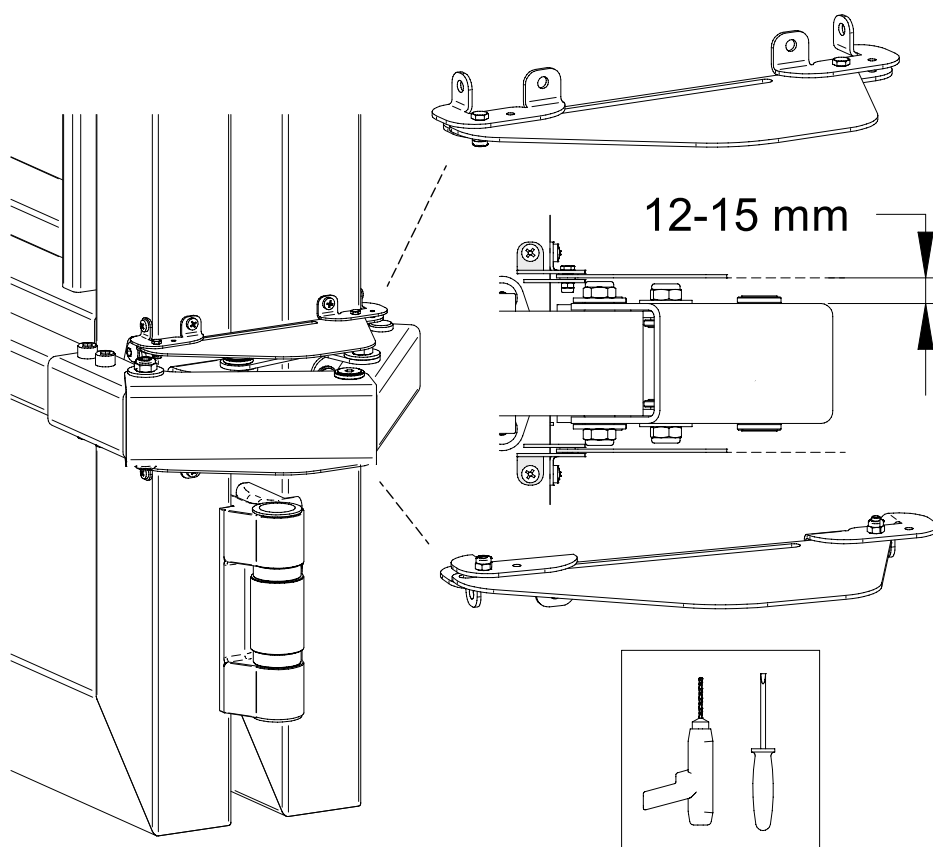
16



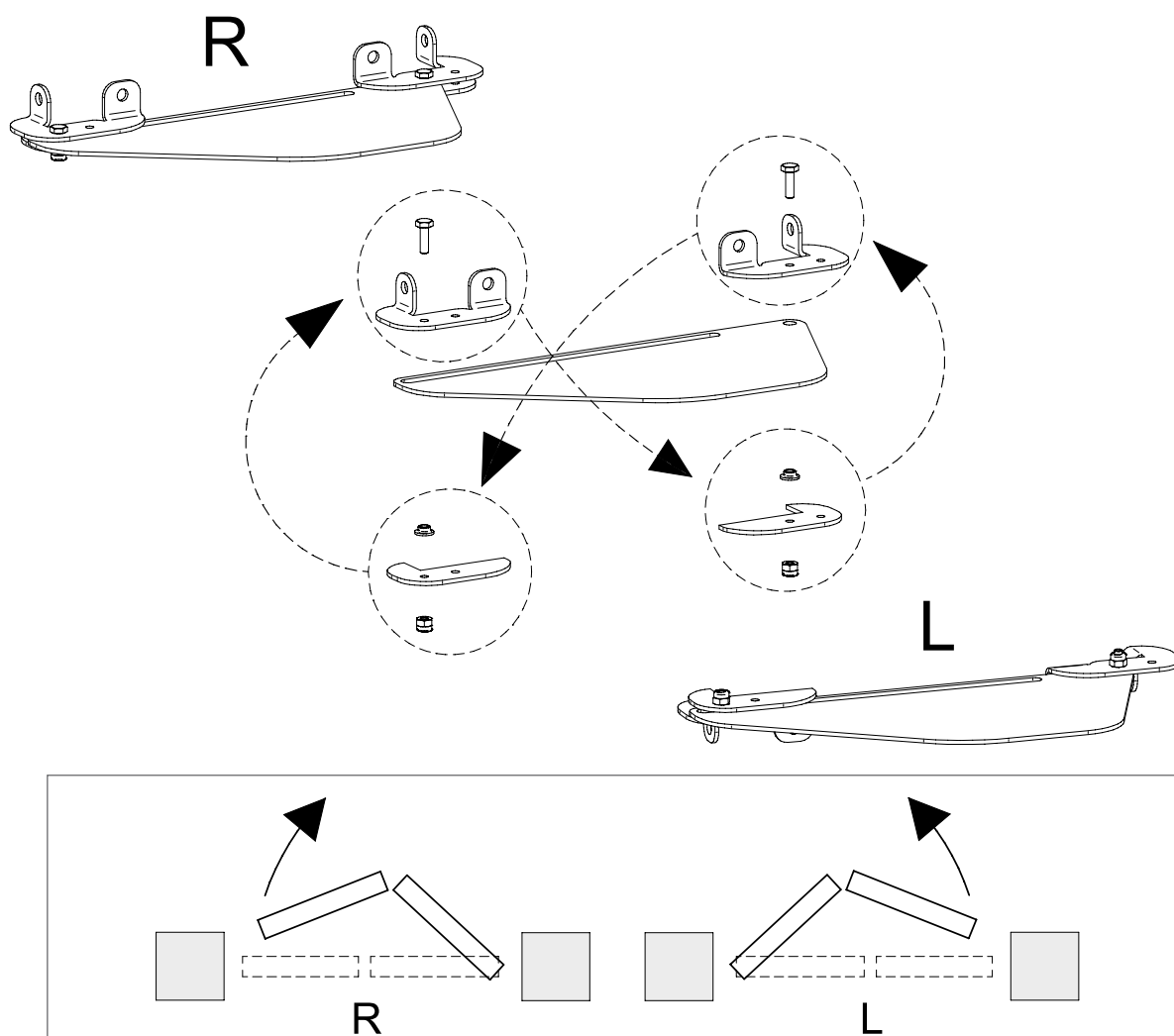
SAFETY CARTER



17



18





MAINTENANCE

1. Perform all functioning inspections manually at the end of the installation; periodically check that the system is functioning, that it is well lubricated and does not have any loosening (we suggest a full examination every 3 months or after 8000 cycles).
2. In case of malfunctions due to wear or accidental impacts, make sure that all components apt to support the gate and its movement are intact. If necessary, proceed with substitution.
3. FAC ensures the system correct functioning only using original spare parts.

Attention: The kit included accessories and the proposed installation make reference to a standard example. An installation not in accordance with the illustrated procedure and the omission of the correct maintenance might compromise nearby things and people's security. Make sure that all accessories suit the specific work and make sure to use the necessary safety devices provided by current regulations.

For more information: info@umakov.sk