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HORIZONTAL BI-FOLDING DOUBLE DOOR SYSTEM

TCH-311013 325.S

Features

- Bi-Folding double door mechanism
- Adjustable soft-close damping with soft opening function
- Telescopic arm adjustment
- Bottom-Hinge Finger Safety
- Opening angle adjustment 85° to 100°
- Opening and closing force adjustment
- 3D Alignment capability
- Compact, space-saving design
- Compatible cabinet dimensions
  - Height: (28") 700 mm to (41") 1040 mm
  - Maximum cabinet width: (55") 1400 mm
  - Front weight: (10.1 lb - 37.5 lb) 4.7 kg - 17.0 kg
- Sold as a set (Hinges for the upper panel sold separately)

Color options

Dark Gray

Light Gray

White

Usage Recommendations

SKU	Cabinet Height Range (KH)		LF	Front Weight (LB)		Front Weight (KG)	
	IN	MM		Min.	Max.	Min.	Max.
TCH-311013 325.S.MD	28	700	425.3 – 590.2 in·lb 4900 - 6800 mm·kg	15.4	21.4	7.0	9.7
	32	800		13.4	18.7	6.1	8.5
	41	1040		10.4	14.3	4.7	6.5
TCH-311013 325.S.M	28	700	564.2 – 737.8 in·lb 6500 - 8500 mm·kg	20.5	26.7	9.3	12.1
	32	800		17.9	23.4	8.1	10.6
	41	1040		13.9	18.1	6.3	8.2
TCH-311013 325.S.H	28	700	729.1 – 1041.6 in·lb 8400 - 12000 mm·kg	26.5	37.5	12.0	17.0
	32	800		23.1	33.1	10.5	15.0
	41	1040		17.9	25.4	8.1	11.5

Note:
Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m³ | Imperial: ≈ 0.026 lb/in³). Values shown are estimates and should be verified against the actual door weight for final product selection.

Key Definitions:
- KH = Cabinet Height.

Special Requirements
- For cabinet widths greater than (55") 1400 mm, a customized configuration is recommended to ensure optimal performance and proper fit.

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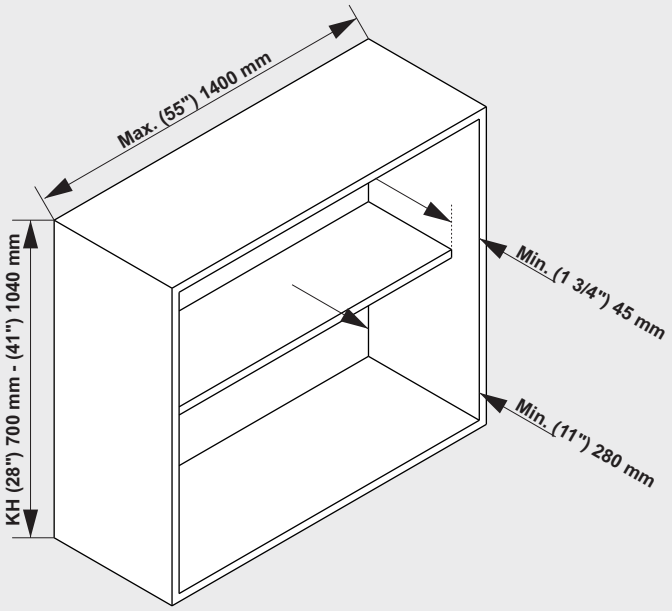
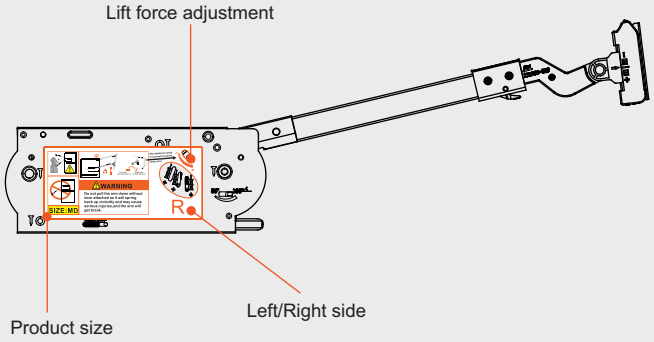
General Informations

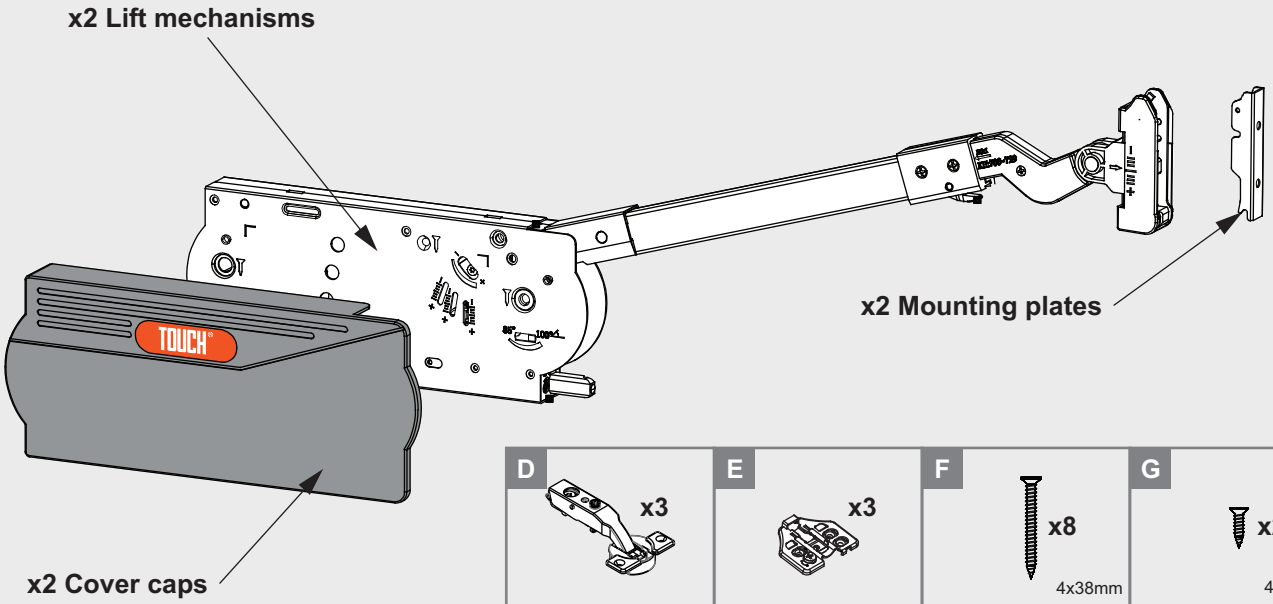
Cabinet specification

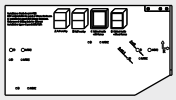


Adjustment & label guide



Included components



D x3	E x3	F x8 4x38mm	G x20 4x14mm	
H  x1		I x1	J x1	

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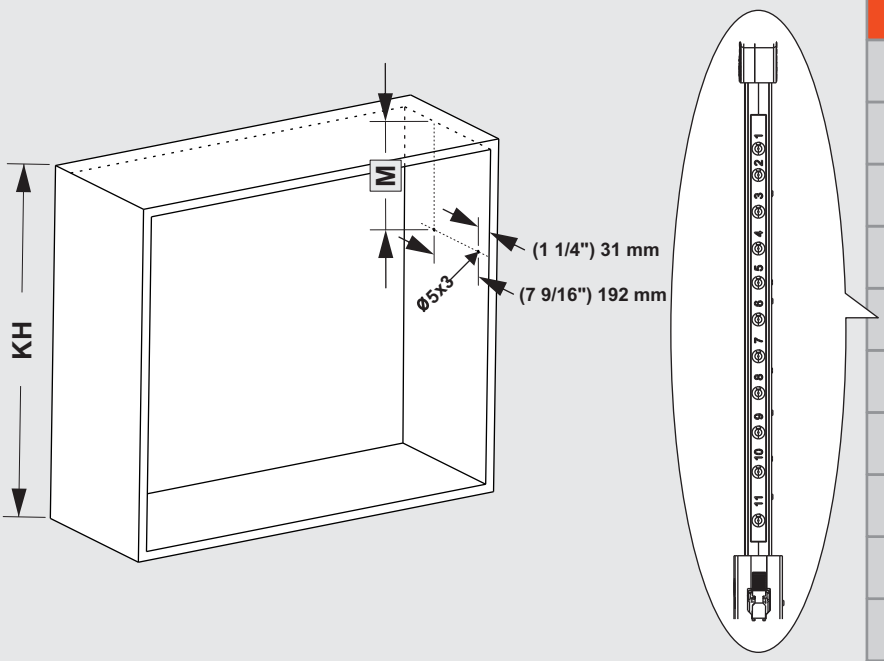
General Informations

Locating pin positions

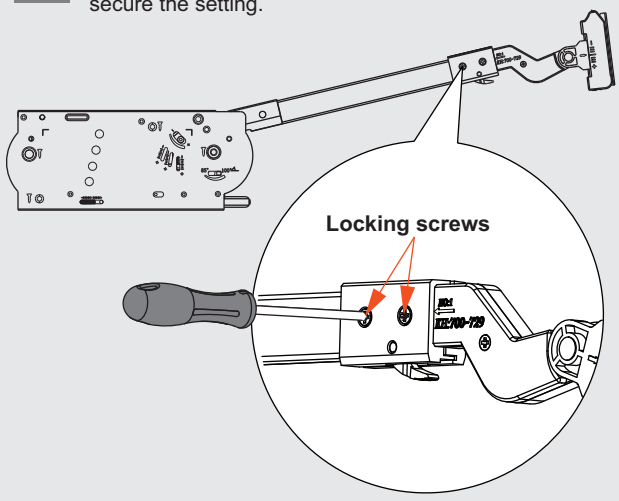


Adjustment point	Unit	Cabinet height range (KH)	M
No. 1	MM	700 - 729	M = KH - 474
	IN	27.6 - 28.7	M = KH - 18.7
No. 2	MM	730 - 759	M = KH - 484
	IN	28.7 - 29.9	M = KH - 19.1
No. 3	MM	760 - 789	M = KH - 498
	IN	29.9 - 31.1	M = KH - 19.6
No. 4	MM	790 - 819	M = KH - 512
	IN	31.1 - 32.2	M = KH - 20.2
No. 5	MM	820 - 849	M = KH - 525
	IN	32.3 - 33.4	M = KH - 20.7
No. 6	MM	850 - 879	M = KH - 539
	IN	33.5 - 34.6	M = KH - 21.2
No. 7	MM	880 - 909	M = KH - 553
	IN	34.7 - 35.8	M = KH - 21.8
No. 8	MM	910 - 939	M = KH - 567
	IN	35.8 - 37.0	M = KH - 22.3
No. 9	MM	940 - 969	M = KH - 582
	IN	37.0 - 38.2	M = KH - 22.9
No. 10	MM	970 - 1000	M = KH - 597
	IN	38.2 - 39.4	M = KH - 23.5
No. 11	MM	1001 - 1040	M = KH - 615
	IN	39.4 - 40.9	M = KH - 24.2

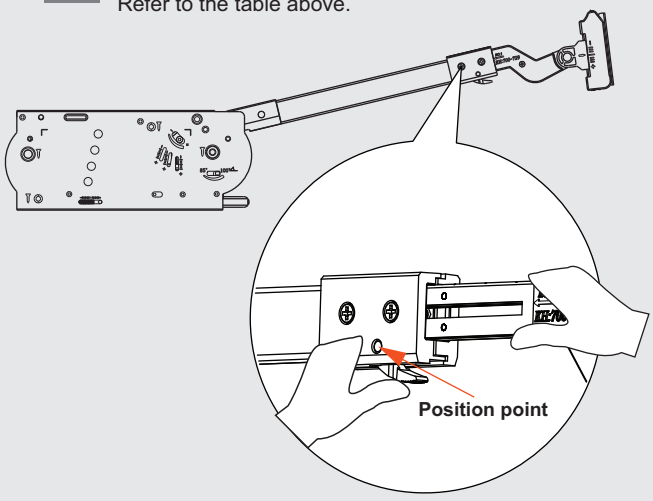
Arm position settings by cabinet height

Adjustment points		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11
KH	MM	700 - 729	730 - 759	760 - 789	790 - 819	820 - 849	850 - 879	880 - 909	910 - 939	940 - 969	970 - 1000	1001 - 1040
	IN	27.6 - 28.7	28.7 - 29.9	29.9 - 31.1	31.1 - 32.2	32.3 - 33.4	33.5 - 34.6	34.7 - 35.8	35.8 - 37.0	37.0 - 38.2	38.2 - 39.4	39.4 - 40.9

A Loosen the locking screws before making any adjustments. Once the adjustment is complete, re-tighten the screw to secure the setting.



B Press the gear button and pull the arm to adjust it to the desired position to match your cabinet height requirements. Refer to the table above.



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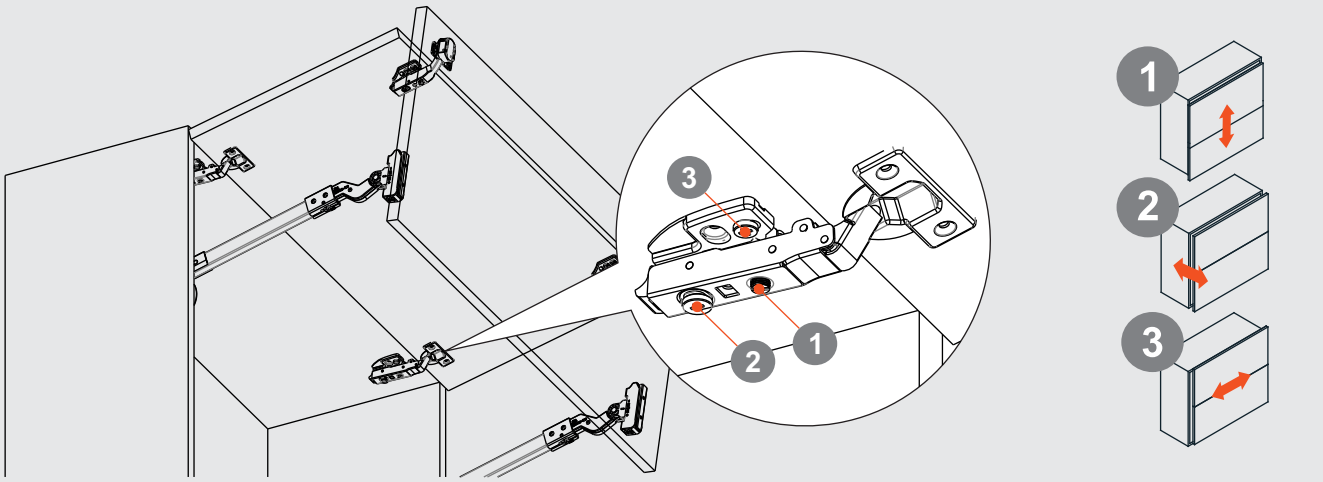
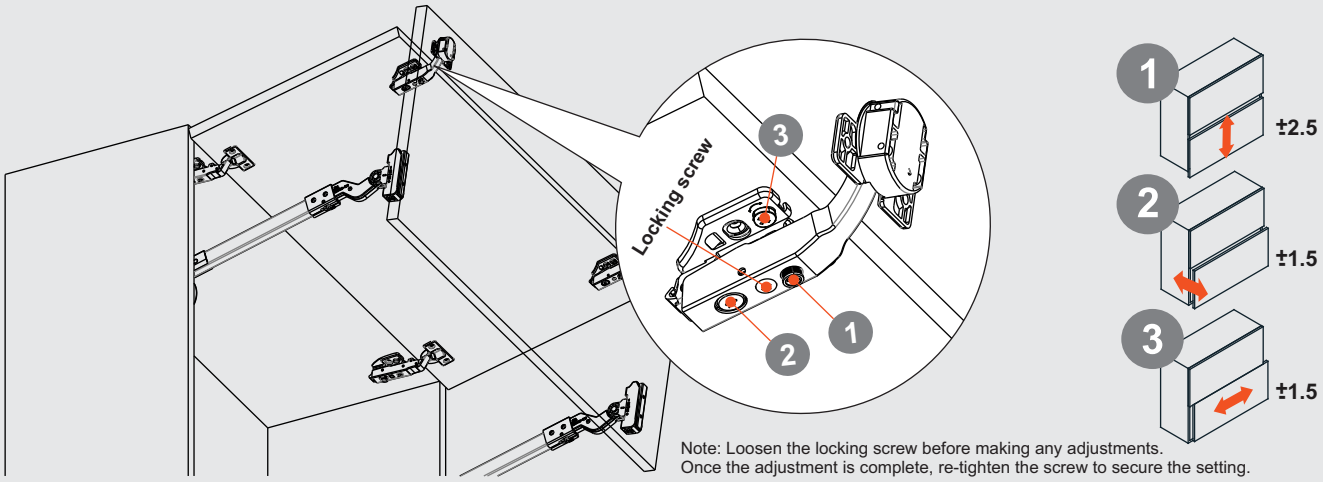
Adjustments Points

Top panel alignment adjustment

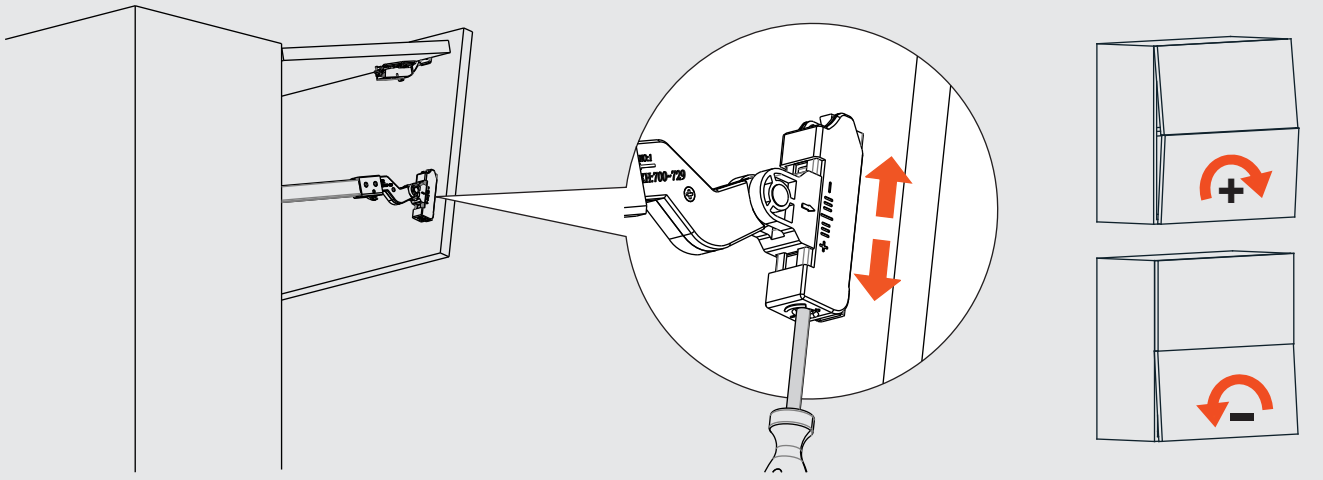


Bottom panel alignment adjustment



Note: Loosen the locking screw before making any adjustments.
Once the adjustment is complete, re-tighten the screw to secure the setting.

Telescopic arm adjustments



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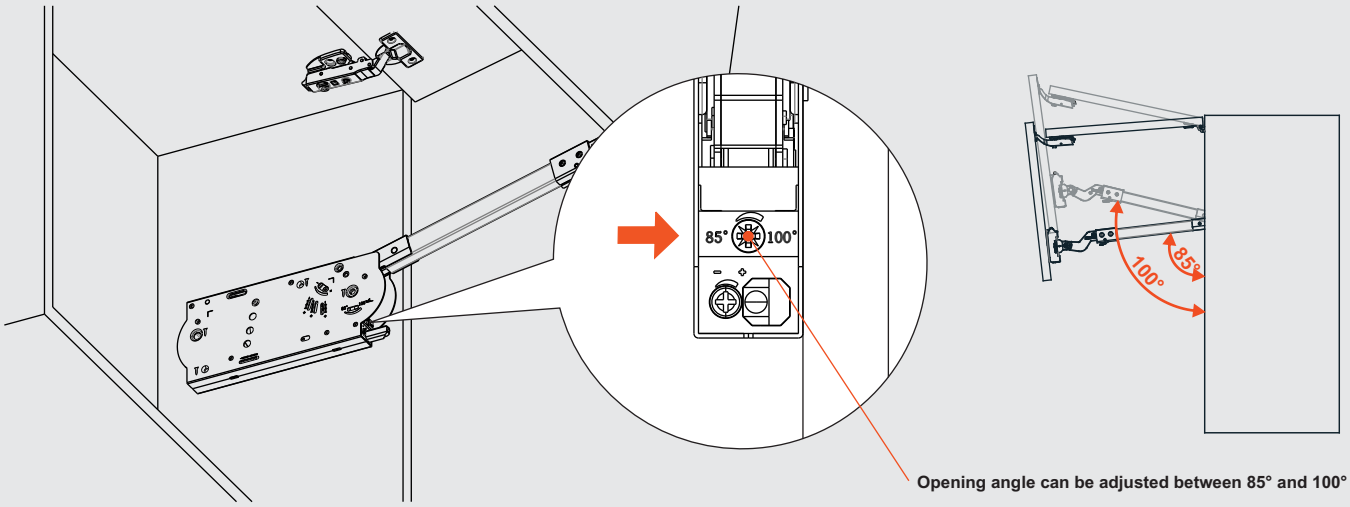
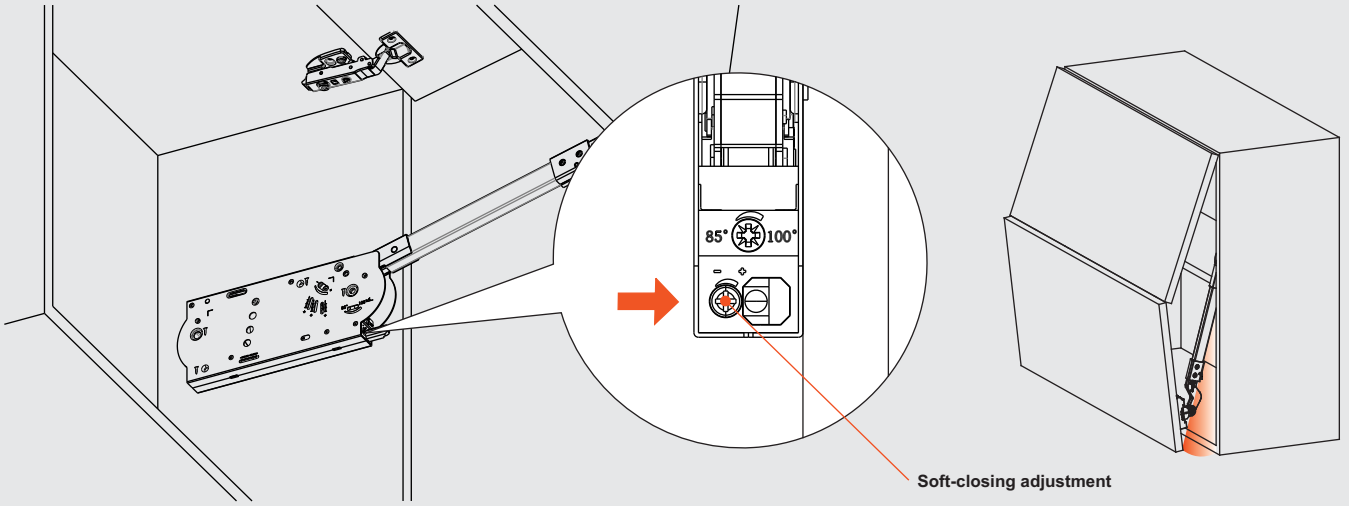
Adjustments Points

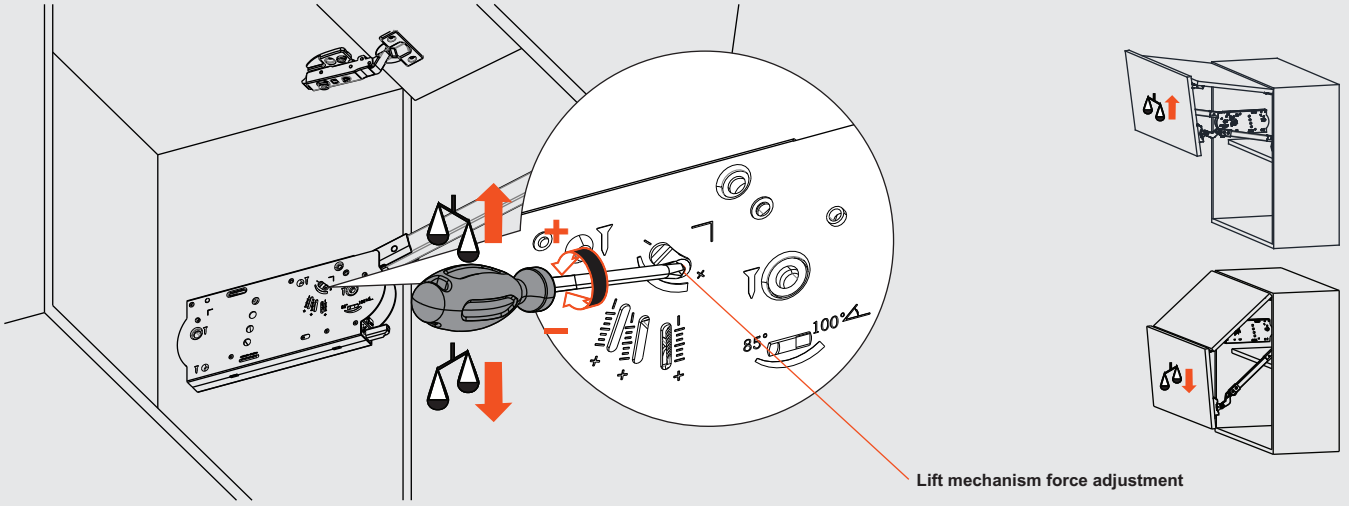
Adjusting door opening range



Soft-close damping adjustment



Lift mechanism force adjustment



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