

CATALOG

TOUCH CABINET LIFTING SYSTEM

2026



CABINET DOOR LIFT SYSTEMS

TOUCH offers advanced lift mechanisms for upper kitchen cabinets, combining smooth operation, safety, and practical design. These systems provide controlled, effortless opening and closing, ensuring daily comfort and reliability. Designed to suit modern kitchen layouts, they are manufactured with high-quality materials for long-lasting performance and a refined, elegant look.

Touch Cabinets Hardware

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FREE STOP SOFT-CLOSE LIFT-UP DOOR SYSTEM

TCH-311011 023.S

Features

- Free-stop functionality.
- Soft-close technology with adjustable damping.
- Adjustable opening angle between 85° - 100°.
- Opening and closing force adjustment.
- 3d adjustment capability.
- No hinges required.
- Compact, space-saving design.
- Compatible cabinet dimensions.
  - Height: (10") 250 mm to (32") 800 mm.
  - Front weight: (2.9 lb - 44.0 lb) 1.3 kg - 20.0 kg.
- Sold as a set.



Color options


Dark Gray


Light Gray


White

Usage Recommendations

SKU	LF-Based Selection		Weight-Based Selection					
	Cabinet Height	LF	Cabinet Height (KH)		Front Weight (LB)		Front Weight (KG)	
			IN	MM	Min.	Max.	Min.	Max.
TCH-311011 023.S.L	10" - 20" 250 mm - 500 mm	57.3 - 156.2 in.lb 660 - 1800 mm·kg	10	250	6.0	15.9	2.7	7.2
			12	300	4.9	13.2	2.2	6.0
			14	350	4.2	11.2	1.9	5.1
			16	400	3.7	9.9	1.7	4.5
			18	450	3.3	8.8	1.5	4.0
			20	500	2.9	7.9	1.3	3.6
TCH-311011 023.S.M	12" - 24" 300 mm - 600 mm	95.5 - 251.7 in.lb 1100 - 2900 mm·kg	12	300	8.2	21.2	3.7	9.6
			14	350	7.0	18.1	3.2	8.2
			16	400	6.2	15.9	2.8	7.2
			18	450	5.5	14.1	2.5	6.4
			20	500	4.9	12.8	2.2	5.8
			22	550	4.4	11.5	2.0	5.2
			24	600	4.0	10.6	1.8	4.8
TCH-311011 023.S.H	14" - 28" 350 mm - 700 mm	159.7 - 451.3 in.lb 1840 - 5200 mm.kg	14	350	11.7	32.6	5.3	14.8
			16	400	10.1	28.7	4.6	13.0
			18	450	8.8	25.4	4.0	11.5
			20	500	8.2	22.9	3.7	10.4
			22	550	7.5	20.7	3.4	9.4
			24	600	6.6	19.0	3.0	8.6
			26	650	6.2	17.6	2.8	8.0
			28	700	5.7	16.3	2.6	7.4
TCH-311011 023.S.HD	18" - 32" 450 mm - 800 mm	347.2 - 781.2 in-lb 4000 - 9000 mm·kg	18	450	19.6	44.1	8.9	20.0
			20	500	17.6	39.7	8.0	18.0
			22	550	15.9	35.9	7.2	16.3
			24	600	14.8	33.1	6.7	15.0
			26	650	13.5	30.0	6.1	13.6
		347.2 - 729.1 in-lb 4000 - 8400 mm·kg	28	700	12.6	26.5	5.7	12.0
			32	800	11.0	23.2	5.0	10.5

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.

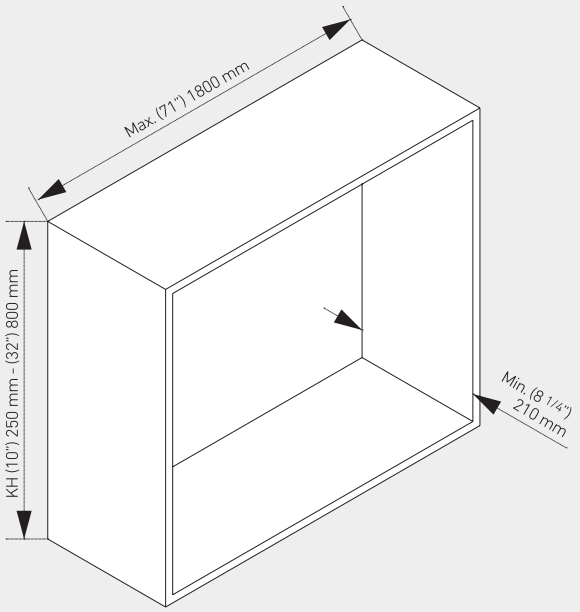
Lift Force (LF) Formula:
- LF = KH x [Door Weight + (Handle Weight x 2)]

Model Selection Criteria:
- If the LF value falls within an overlapping range, always choose the larger model to ensure optimal performance and longevity.
- If the LF falls outside the standard range, a customized configuration is recommended to meet your cabinet's specific requirements.

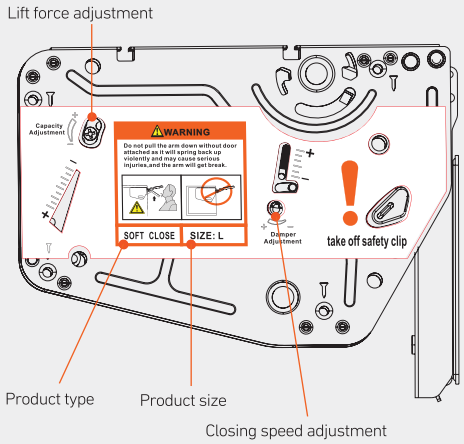
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GENERAL INFORMATIONS

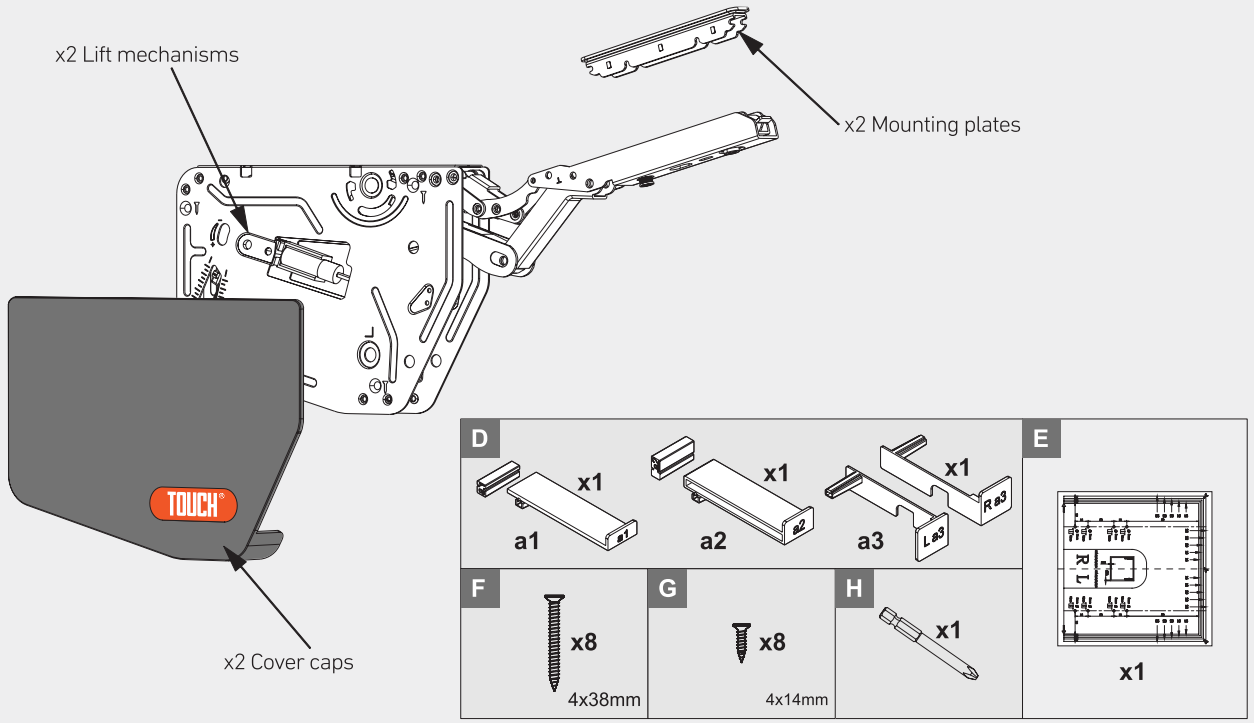
Cabinet specification



Adjustment & label guide



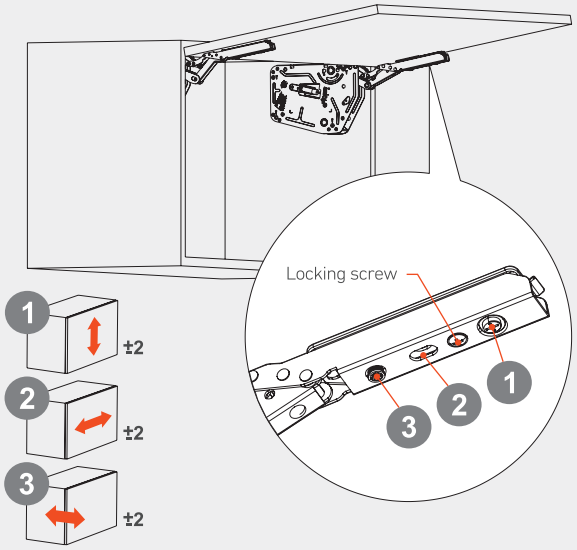
Included components



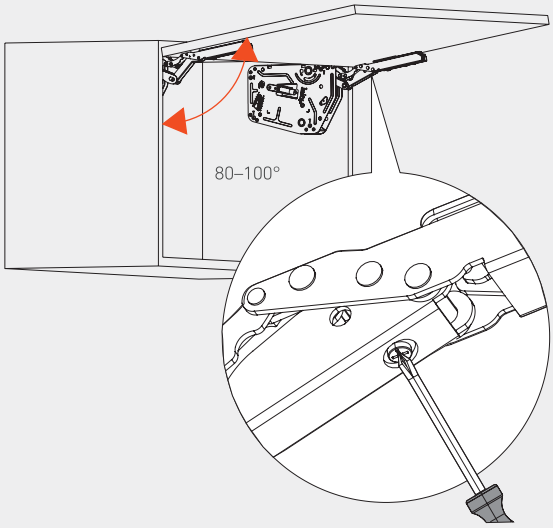
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ADJUSTMENTS POINTS

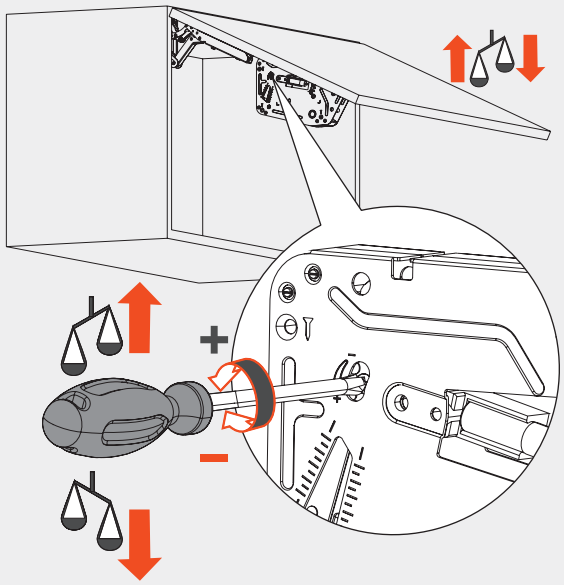
Front panel alignment adjustment



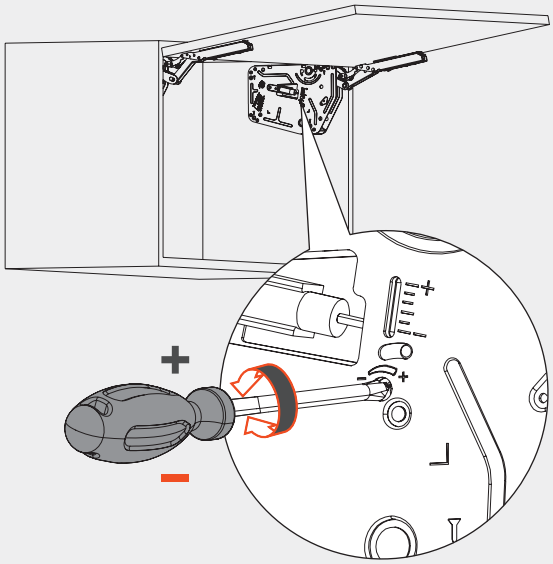
Adjusting door opening range



Lift mechanism force adjustment



Soft-closing adjustment



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PUSH-OPEN HEAVY-DUTY LIFT-UP DOOR SYSTEM

TCH-311011 023.T

Features

- Free-stop functionality.
- Push-to-open operation.
- Adjustable opening angle between 85° - 100°.
- Opening and closing force adjustment.
- 3d adjustment capability.
- No hinges required.
- Compact, space-saving design.
- Compatible cabinet dimensions.
  - Height: (10") 250 mm to (32") 800 mm.
  - Front weight: (2.6 lb - 40.0 lb) 1.2 kg - 18.4 kg.
- Sold as a set.

Color options


Dark Gray


Light Gray


White



Usage Recommendations

SKU	LF-Based Selection		Weight-Based Selection					
	Cabinet Height	LF	Cabinet Height (KH)		Front Weight (LB)		Front Weight (KG)	
			IN	MM	Min.	Max.	Min.	Max.
TCH-311011 023.T.L	10" - 20" 250 mm - 500 mm	52.1 - 130.2 in-lb 600 - 1500 mm·kg	10	250	5.3	13.2	2.4	6.0
			12	300	4.4	11.0	2.0	5.0
			14	350	3.7	9.3	1.7	4.2
			16	400	3.3	8.2	1.5	3.7
			18	450	3.1	7.3	1.4	3.3
			20	500	2.6	6.6	1.2	3.0
TCH-311011 023.T.M	12" - 24" 300 mm - 600 mm"	115.4 -238.7 in-lb 1330 - 2750 mm.kg	12	300	9.9	20.1	4.5	9.1
			14	350	8.4	17.2	3.8	7.8
			16	400	7.3	15.0	3.3	6.8
			18	450	6.6	13.4	3.0	6.1
			20	500	6.0	12.1	2.7	5.5
			22	550	5.3	11.0	2.4	5.0
			24	600	4.9	9.9	2.2	4.5
TCH-311011 023.T.H	14" - 28" 350 mm - 700 mm	191.0 - 477.4 in-lb 2200-5500 mm·kg	14	350	13.9	34.6	6.3	15.7
			16	400	12.1	30.2	5.5	13.7
			18	450	10.8	26.9	4.9	12.2
			20	500	9.7	24.3	4.4	11.0
			22	550	8.8	22.0	4.0	10.0
			24	600	8.2	20.1	3.7	9.1
			26	650	7.5	18.5	3.4	8.4
			28	700	7.1	17.2	3.2	7.8
TCH-311011 023.T.HD	18" - 32" 450 mm - 800 mm	347.2 - 720.4 in-lb 4000 - 8300 mm·kg	18	450	19.6	40.6	8.9	18.4
			20	500	17.6	36.6	8.0	16.6
			22	550	16.1	33.1	7.3	15.0
			24	600	14.8	30.4	6.7	13.8
			26	650	13.7	28.0	6.2	12.7
			28	700	12.6	26.0	5.7	11.8
			32	800	11.0	22.7	5.0	10.3

Note:

Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m^3 | Imperial: = 0.026 lb/in^3). Values shown are estimates and should be verified against the actual door weight for final product selection.

Key Definitions:
- KH = Cabinet Height.

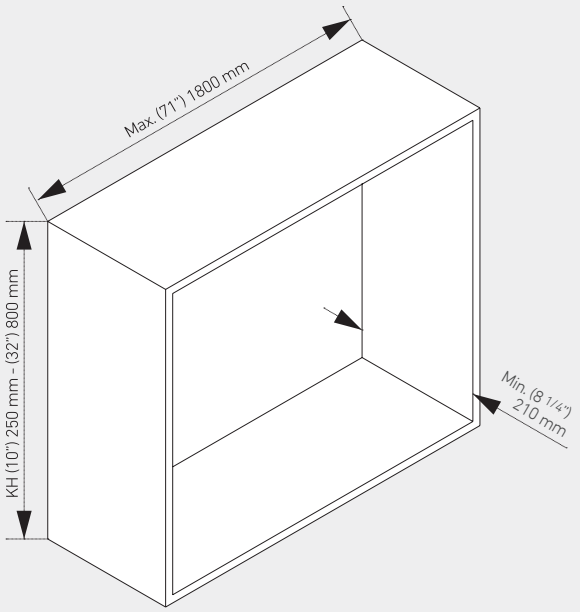
Lift Force (LF) Formula:
- LF = KH x Door Weight

Model Selection Criteria:
- If the LF value falls within an overlapping range, always choose the larger model to ensure optimal performance and longevity.
- If the LF falls outside the standard range, a customized configuration is recommended to meet your cabinet's specific requirements.

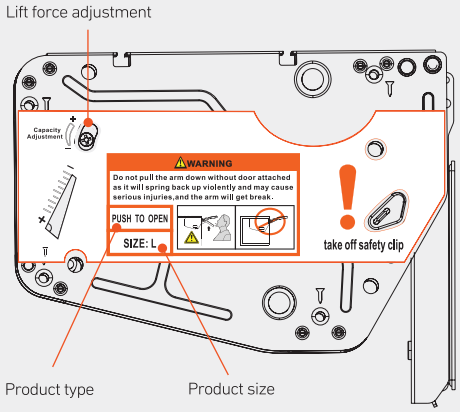
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GENERAL INFORMATIONS

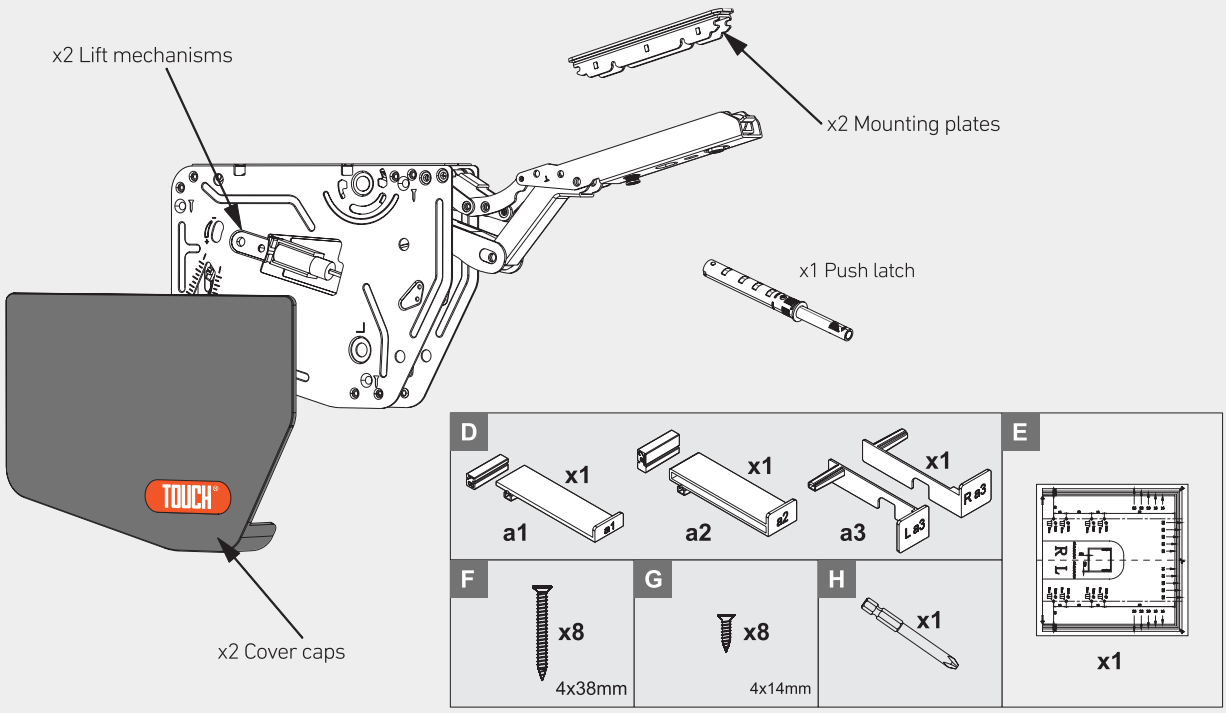
Cabinet specification



Adjustment & label guide



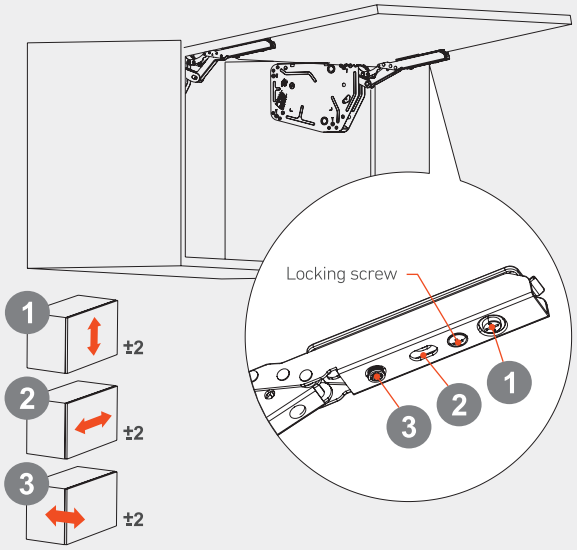
Included components



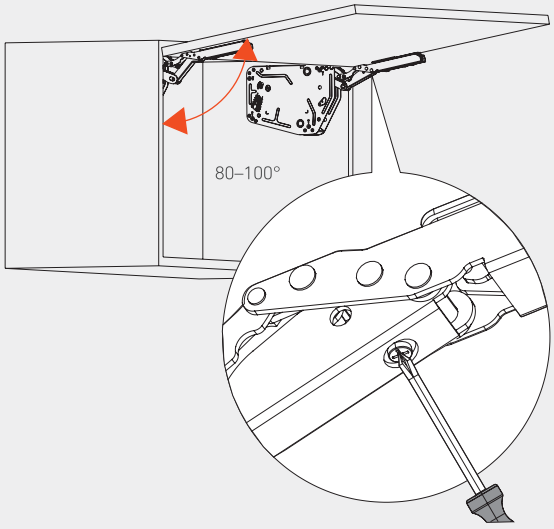
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ADJUSTMENTS POINTS

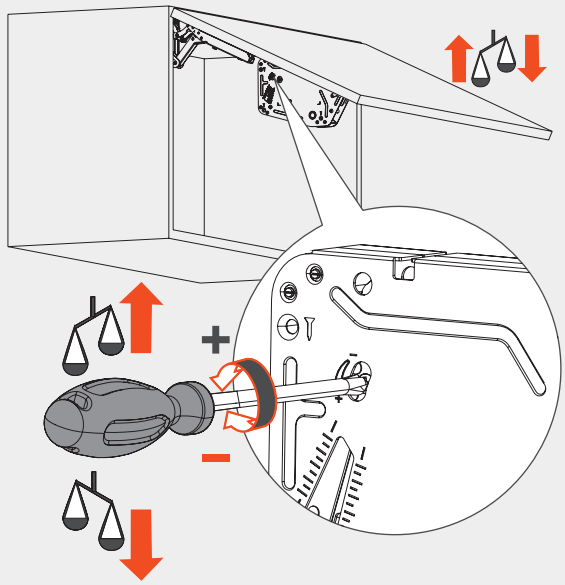
Front panel alignment adjustment



Adjusting door opening range



Lift mechanism force adjustment



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SOFT-CLOSE VERTICAL PARALLEL LIFT-UP DOOR SYSTEM

TCH-311012 129.S

Features

- Vertical parallel lift-up motion
- Free-stop function 60°-110°
- Adjustable soft-closing damping
- Force adjustment
- No hinges required
- 3D adjustment capability
- Compact, space-saving design
- Compatible cabinet dimensions.
  - Height: (16") 410 mm to (24") 600 mm
  - Maximum cabinet width: (47 1/4") 1200 mm
  - Front weight: (5.3 lb - 23.0 lb) 2.4 kg - 10.5 kg
- Sold as a set.



Color options



Dark Gray



Light Gray



White

SKU	Cabinet Height Range (KH)		Arm length MM	Front Weight (LB)		Front Weight (KG)	
	IN	MM		Min.	Max.	Min.	Max.
TCH-311012 129.S.210.L	16 -20	410 - 500	210	5.3	8.8	2.4	4.0
TCH-311012 129.S.210.M	16- 20	410 - 500	210	7.3	11.5	3.8	6.3
TCH-311012 129.S.210.H	16 - 20	410 - 500	210	9.5	17.6	6.3	9.0
TCH-311012 129.S.240.M	20 - 24	440 - 600	240	7.9	13.2	3.5	6.0
TCH-311012 129.S.240.H	20 - 24	440 - 600	240	12.3	17.2	5.5	7.8
TCH-311012 129.S.290.L	20 - 24	490 - 600	290	8.2	18.1	3.7	6.2
TCH-311012 129.S.290.M	20 - 24	490 - 600	290	14.6	17.2	5.5	7.8
TCH-311012 129.S.290.H	20 - 24	490 - 600	290	10.6	23.4	7.5	10.5

Usage Recommendations

Note:
Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m^3 | Imperial: = 0.026 lb/in^3). Values shown are estimates and should be verified against the actual door weight for final product selection.

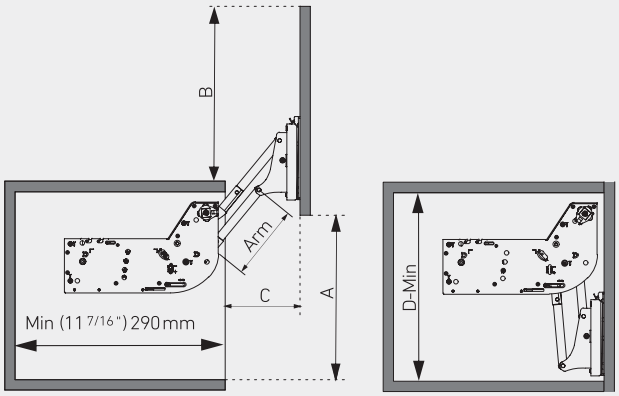
Key Definitions:
- KH = Cabinet Height.

Special Requirements
- For cabinet widths greater than (47 1/4") 1200 mm, a customized configuration is recommended to ensure optimal performance and proper fit.

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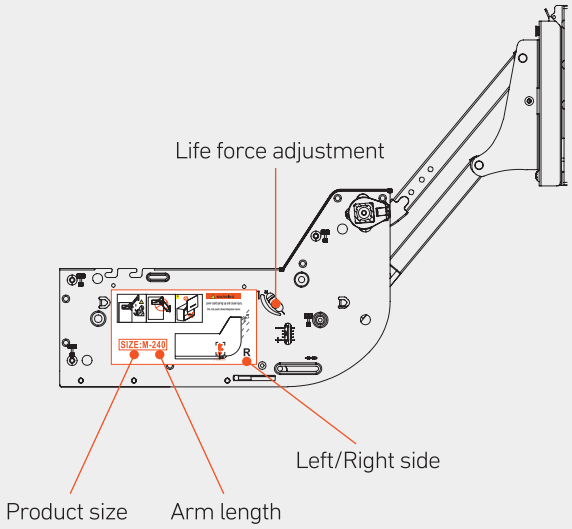
GENERAL INFORMATIONS

Cabinet & lift arm comparison

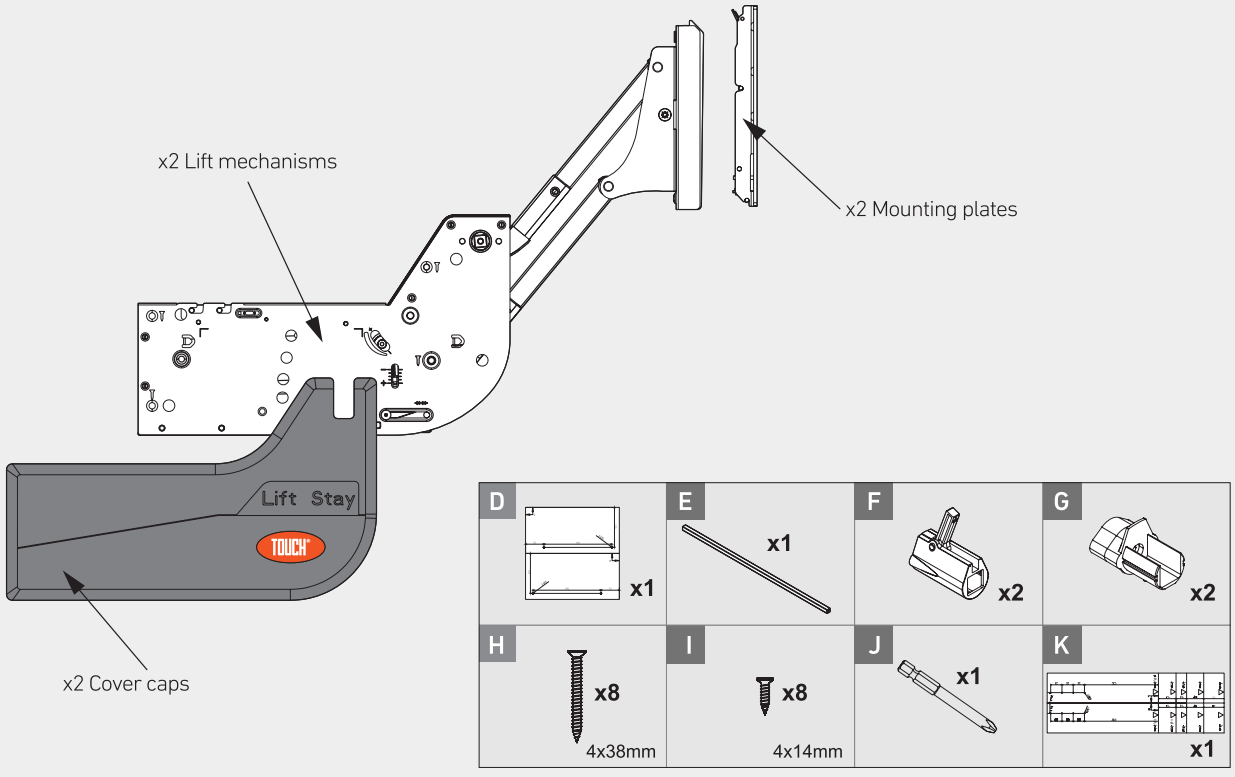


Arm	Unit	A	B	C	D
210	MM	372	390	161	374
	IN	14.7	15.4	6.3	14.7
240	MM	425	443	180	404
	IN	16.7	17.4	7.1	15.9
290	MM	514	532	211	454
	IN	20.2	20.9	8.3	17.9

Adjustment & label guide



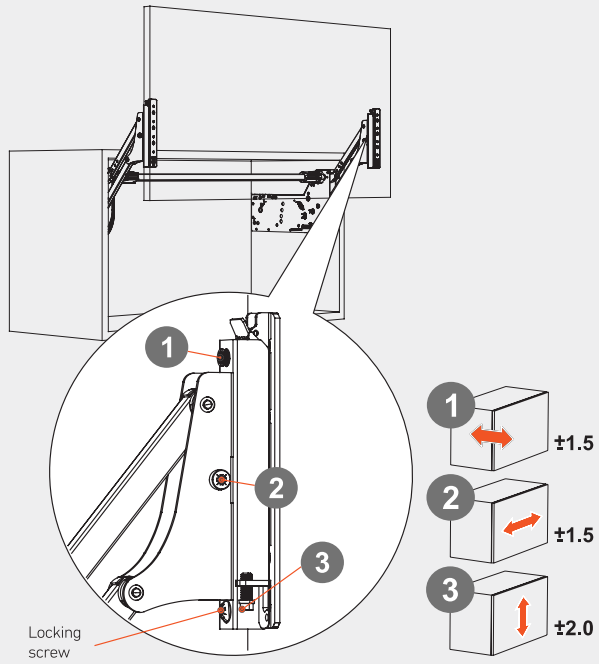
Included components



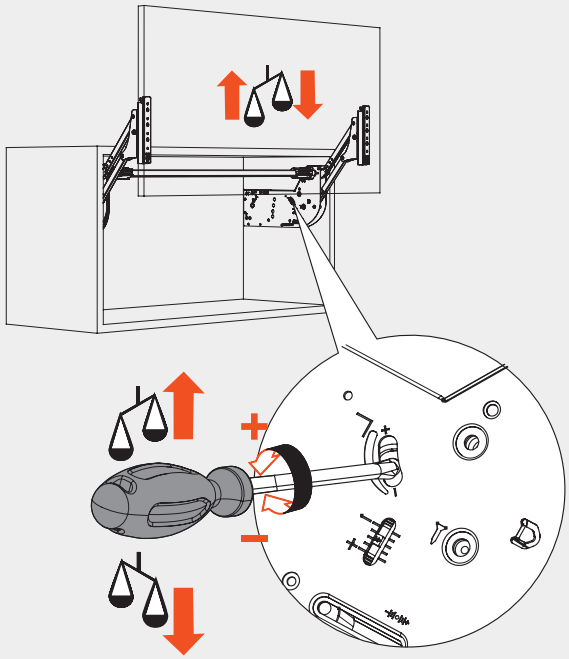
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ADJUSTMENTS POINTS

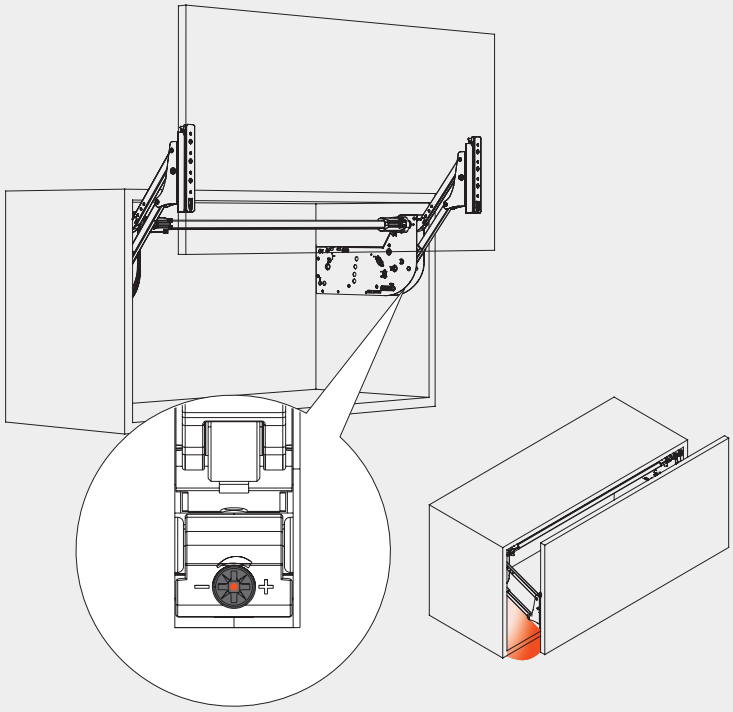
Front panel alignment adjustment



Lift mechanism force adjustment



Soft-closing adjustment





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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

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

Usage Recommendations

Note:
Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m^3 | Imperial: = 0.026 lb/in^3). Values shown are estimates and should be verified against the actual door weight for final product selection.

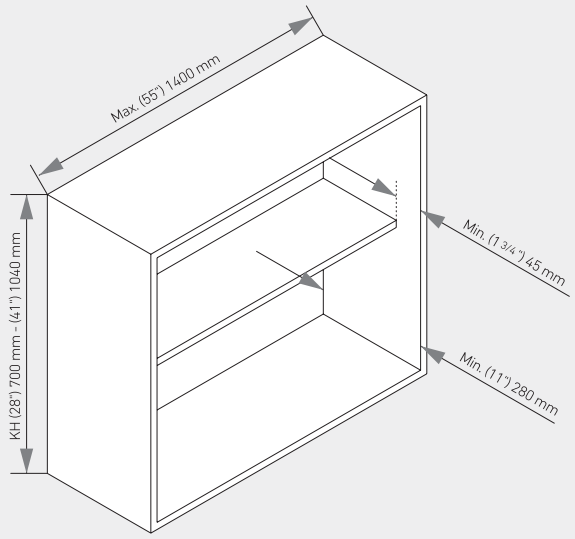
Key Definitions:
- KH = Cabinet Height.

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

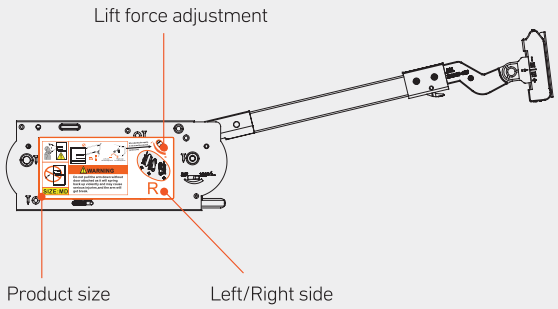
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GENERAL INFORMATIONS

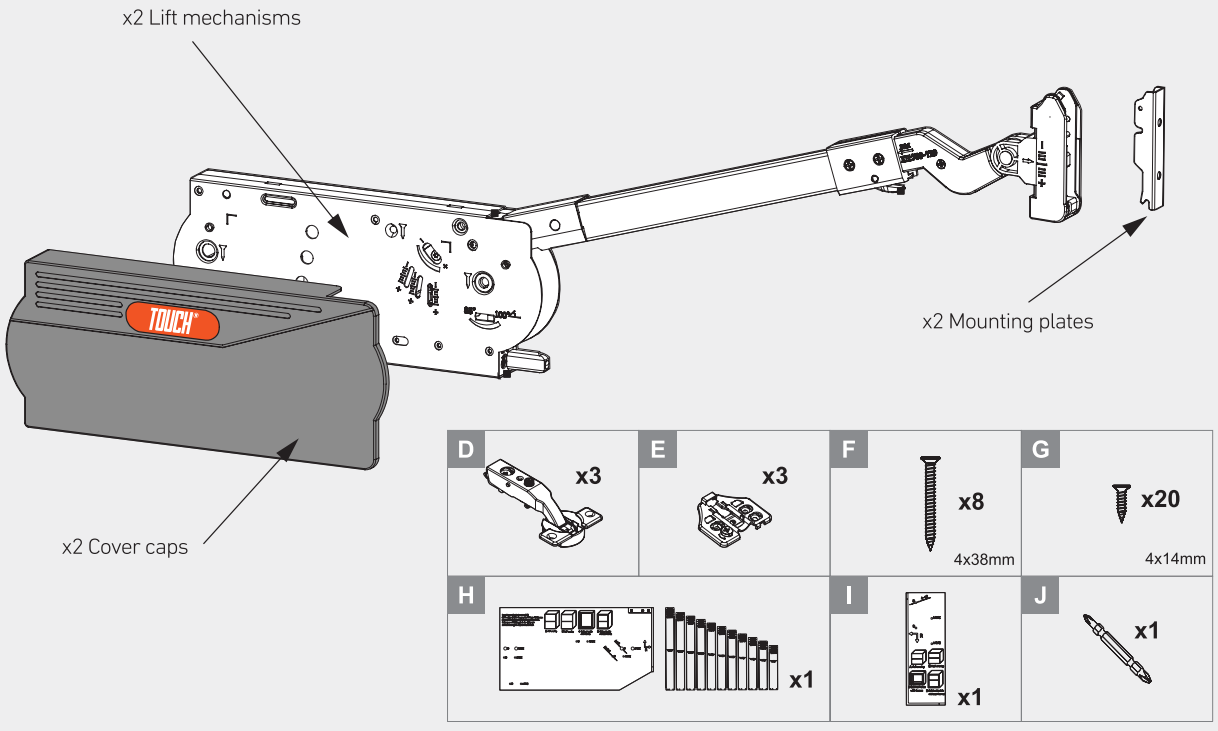
Cabinet specification



Adjustment & label guide



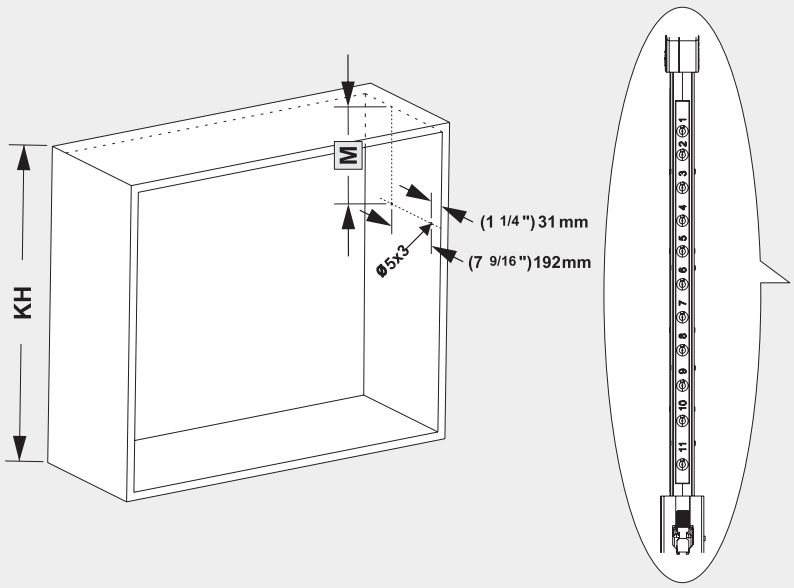
Included components



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GENERAL INFORMATIONS

Locating pin positions



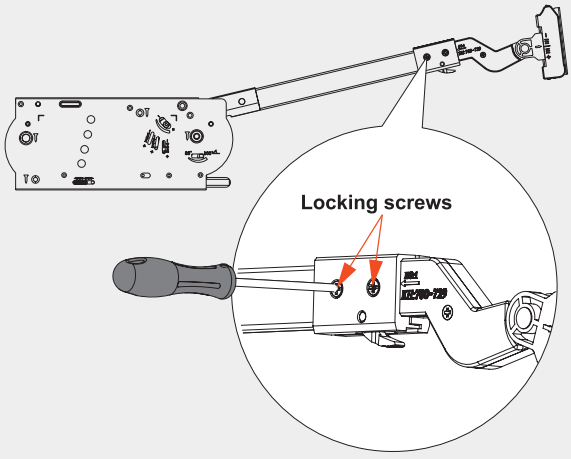
Adjustment point	Unit	Cabinet height range (KH)	M
No. 1	MM	700-729	M = KH - 474
	IN	27.6-28.7	M = KH - 18.7
No. 2	MM	730-759	M = KH - 484
	IN	28.7-29.9	M = KH - 19.1
No. 3	MM	760-789	M = KH - 498
	IN	29.9-31.1	M = KH - 19.6
No. 4	MM	790-819	M = KH - 512
	IN	31.1-32.2	M = KH - 20.2
No. 5	MM	820-849	M = 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

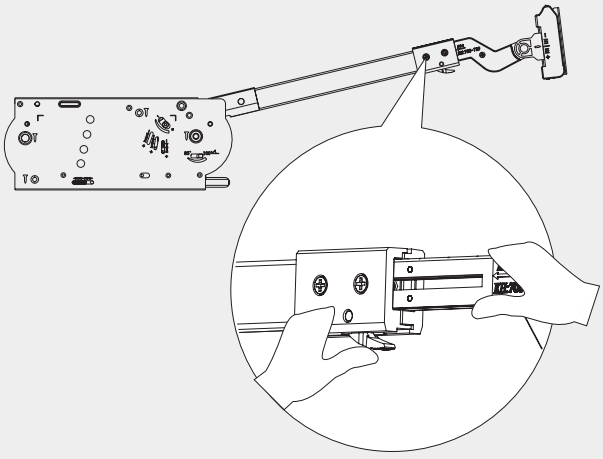


Adjustment points		No.1	No.2	No.3	No. 4	No.5	No. 6	No.7	No.8	No. 9	No. 10	No. 11
KH	MM	700 -729	730 - 759	760 -789	790 - 819	820 - 849	850 - 879	880 - 909	910 - 939	940 - 969	970 - 1000	1001 - 1040
	IN	27.6 - 28.7	28.7 - 29.9	29.9 - 31.1	31.1 - 32.2	32.3 - 33.4	33.5 - 34.6	34.7 - 35.8	35.8 - 37.0	37.0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



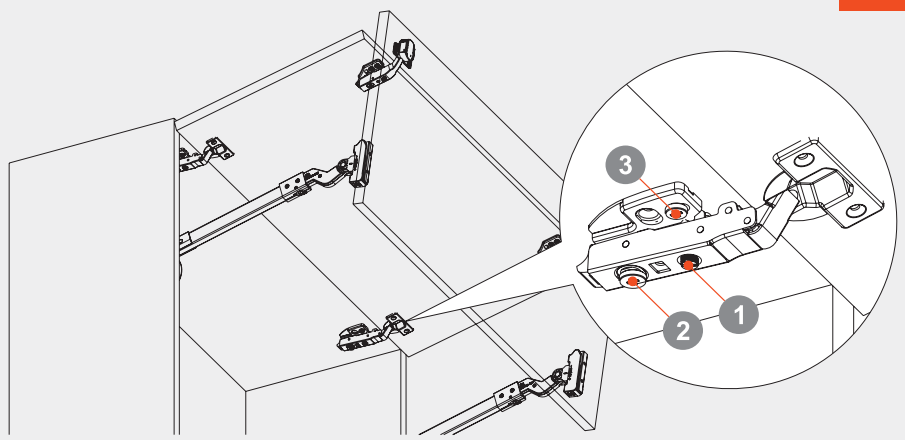
B Press the gear button and pull the arm to adjust it to the desired position to match your cabinet height requirements. Refer to the table above.

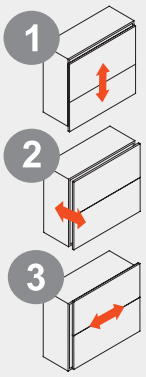


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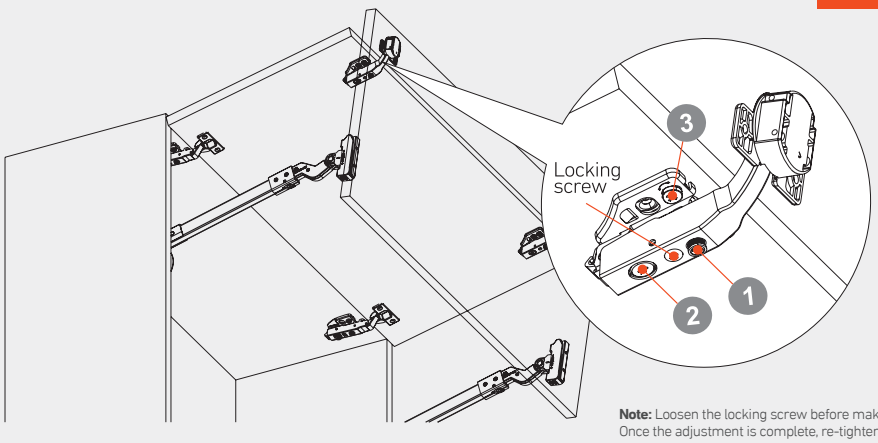
ADJUSTMENTS POINTS

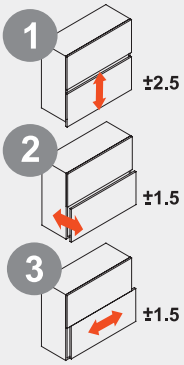
Top panel alignment adjustment





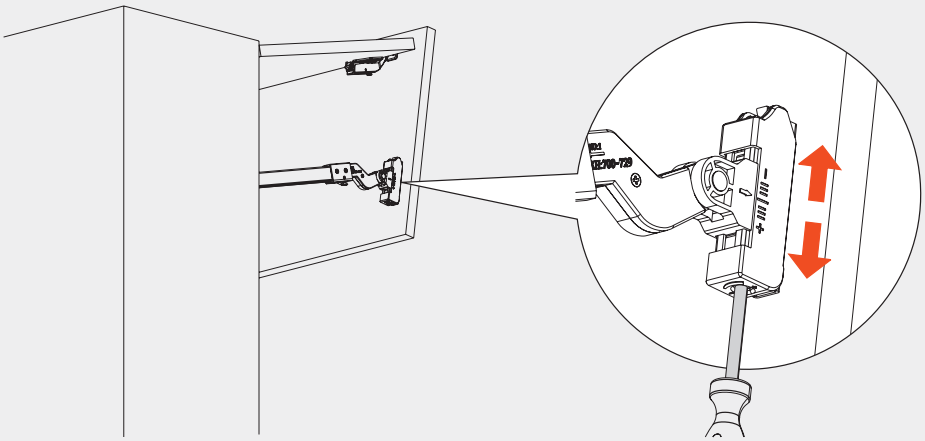
Bottom panel alignment adjustment

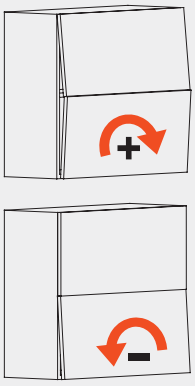




Note: Loosen the locking screw before making any adjustments.
Once the adjustment is complete, re-tighten the screw to secure the setting.

Telescopic arm adjustments

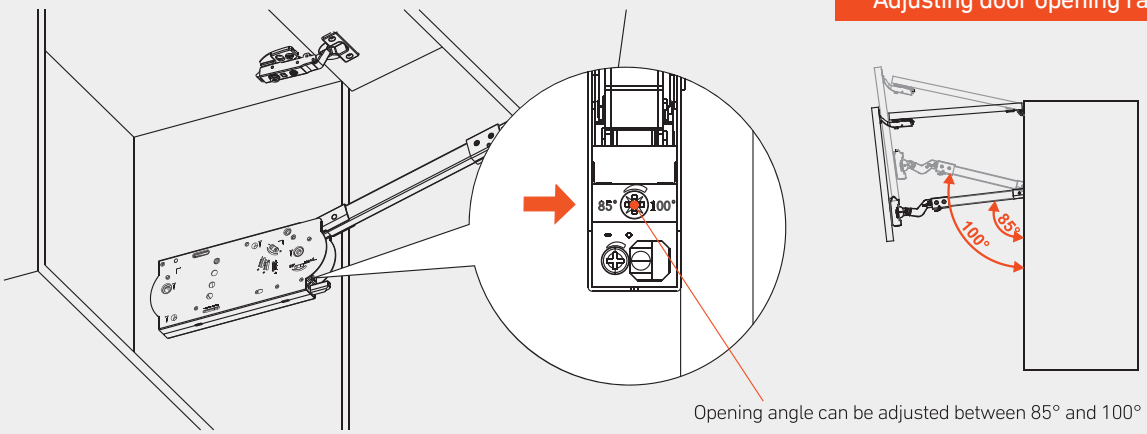




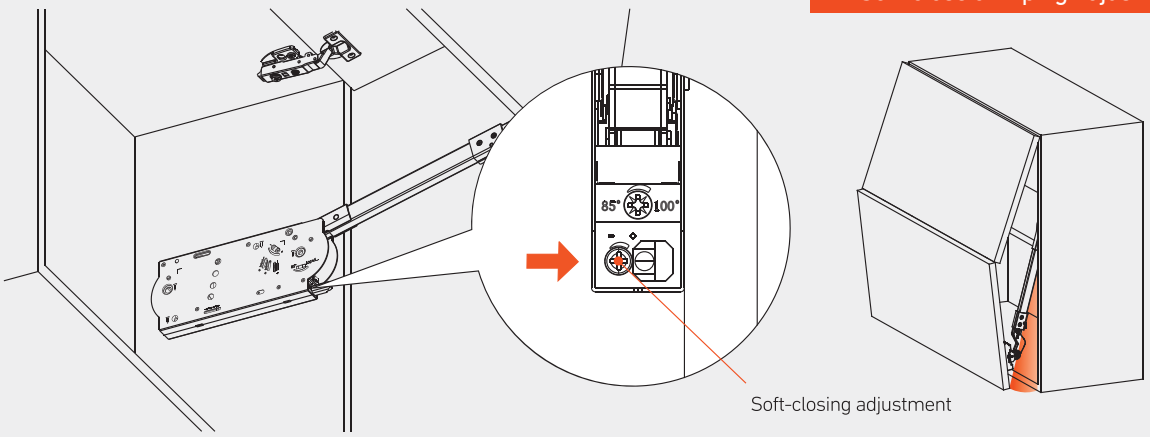
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ADJUSTMENTS POINTS

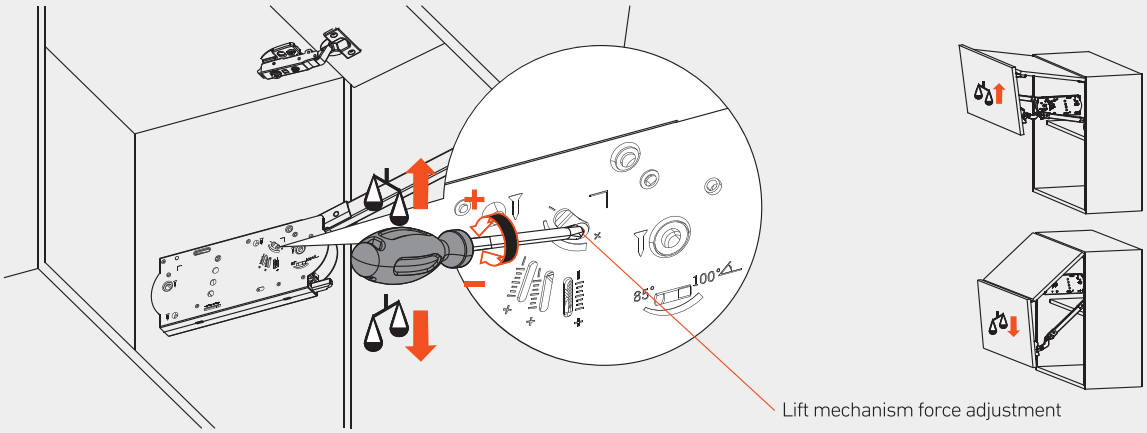
Adjusting door opening range



Soft-close damping adjustment



Lift mechanism force adjustment



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FREE-STOP SLIM UPWARD DOOR LIFT SYSTEM

TCH-313000 337.S

Features

- Slim compact design
- Free-stop functionality range: 40°-100°
- Force adjustable
- Hinge-required system.
- Recommended for use with the T-X hinge series, featuring integrated opening angle restrictors (85°, 95°, 105°) and a built-in soft-close mechanism
- Compatible cabinet dimensions
  - Height: (10 1/4") 260 mm to (24") 600 mm
  - Front weight: (3.0 lb - 23.0 lb) 1.4 kg - 10.5 kg
- Sold as a set



Color options



Nickel



Gun Metal

Usage Recommendations

SKU	LF-Based Selection		Weight-Based Selection						Required QTY
	Cabinet Height	LF	Cabinet Height (KH)		Front Weight (LB)		Front Weight (KG)		
			IN	MM	Min.	Max.	Min.	Max.	
TCH-313000 337.S.L	10.25" - 16" 260 mm - 400 mm	50.0 - 90.3 in-lb 576 - 1040 mm.kg	10.25	260	4.9	8.8	2.2	4.0	1
			12	300	4.2	7.7	1.9	3.5	
			14	350	3.5	6.6	1.6	3.0	
			16	400	3.1	5.7	1.4	2.6	
	10.25" - 16" 260 mm - 400 mm	88.5 - 166.6 in-lb 1020 - 1920 mm-kg	10.25	260	9.5	17.6	4.3	8.0	2
			12	300	7.5	14.1	3.4	6.4	
			14	350	6.4	12.1	2.9	5.5	
			16	400	5.7	10.6	2.6	4.8	
TCH-313000 337.S.M	10.25" - 16" 260 mm - 400 mm	104.2 - 148.4 in.lb 1200 - 1710 mm-kg	10.25	260	10.1	14.6	4.6	6.6	1
			12	300	8.8	12.6	4.0	5.7	
			14	350	7.5	10.8	3.4	4.9	
			16	400	6.6	9.5	3.0	4.3	
	12" - 20" 300 mm - 500 mm	187.5 - 282.1 in-lb 2160 - 3250 mm-kg	12	300	15.9	23.8	7.2	10.8	2
			14	350	13.7	20.5	6.2	9.3	
			16	400	11.9	17.9	5.4	8.1	
			18	450	10.6	15.9	4.8	7.2	
			20	500	9.5	14.3	4.3	6.5	
TCH-313000 337.S.H	16" - 24" 400 mm - 600 mm	143.2 - 182.3 in-lb 1650 - 2100 mm-kg	16	400	9.0	11.7	4.1	5.3	1
			18	450	8.2	10.4	3.7	4.7	
			20	500	7.3	9.3	3.3	4.2	
			22	550	6.6	8.4	3.0	3.8	
			24	600	6.2	7.7	2.8	3.5	
	16" -24" 400 mm - 600 mm	277.7 - 364.5 in-lb 3200 - 4200 mm.kg	16	400	17.6	23.1	8.0	10.5	2
			18	450	15.7	20.5	7.1	9.3	
			20	500	14.1	18.5	6.4	8.4	
			22	550	12.8	16.8	5.8	7.6	
			24	600	11.7	15.4	5.3	7.0	

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.

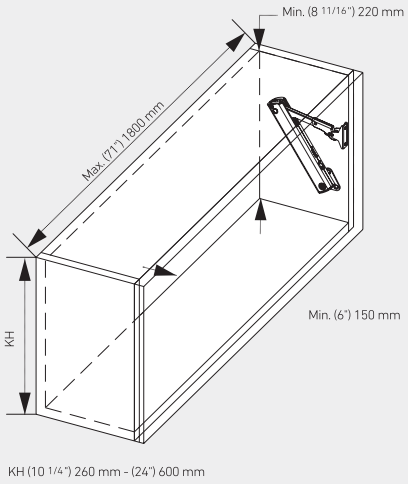
Lift Force (LF) Formula:
- LF = KH x [Door Weight + (Handle Weight x 2)]

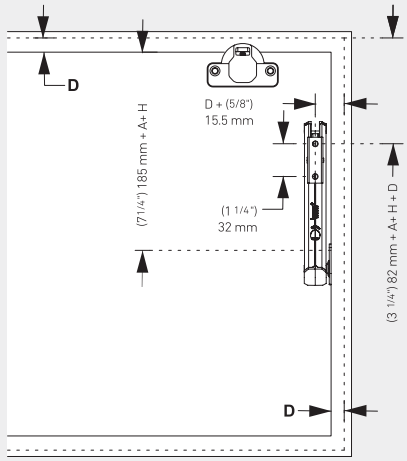
Model Selection Criteria:
- If the LF value falls within an overlapping range, always choose the larger model to ensure optimal performance and longevity.
- If the LF falls outside the standard range, a customized configuration is recommended to meet your cabinet's specific requirements.

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GENERAL INFORMATIONS

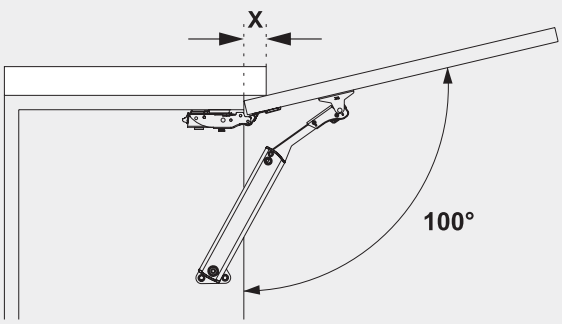
Cabinet specification





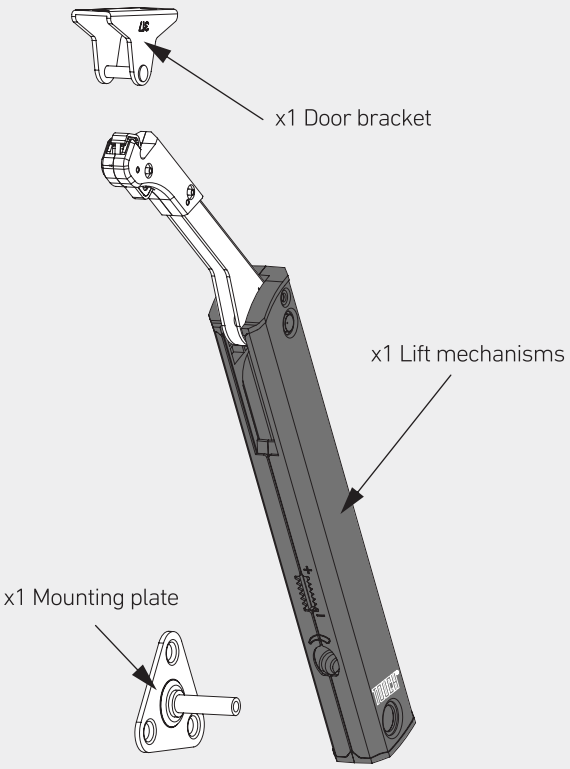
A = Hinge Arm Crank
- Straight Arm Crank: A = 0 mm
- Half-Cranked Arm: A = 9.5 mm
- Full-Cranked Arm: A = 18 mm

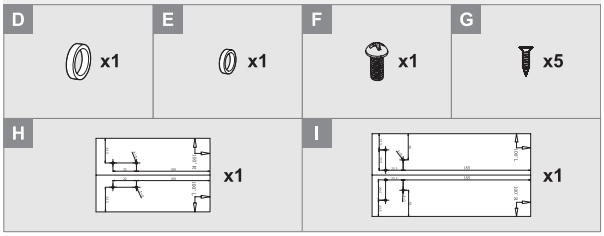
H = Mounting plate height
D = Overlay



Door thickness	MM	16	19	22	25
	IN	0.6	0.8	0.9	1
x	MM	42	31	20	12
	IN	1.7	1.2	0.8	0.5

Included components

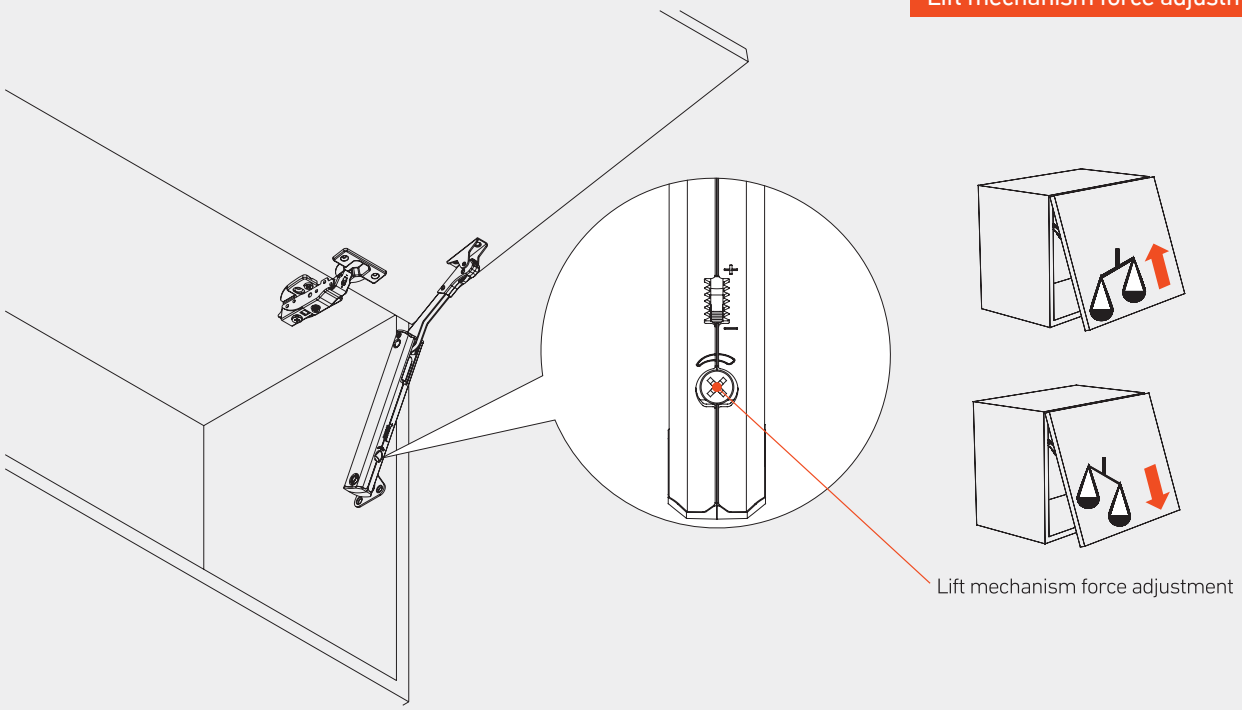




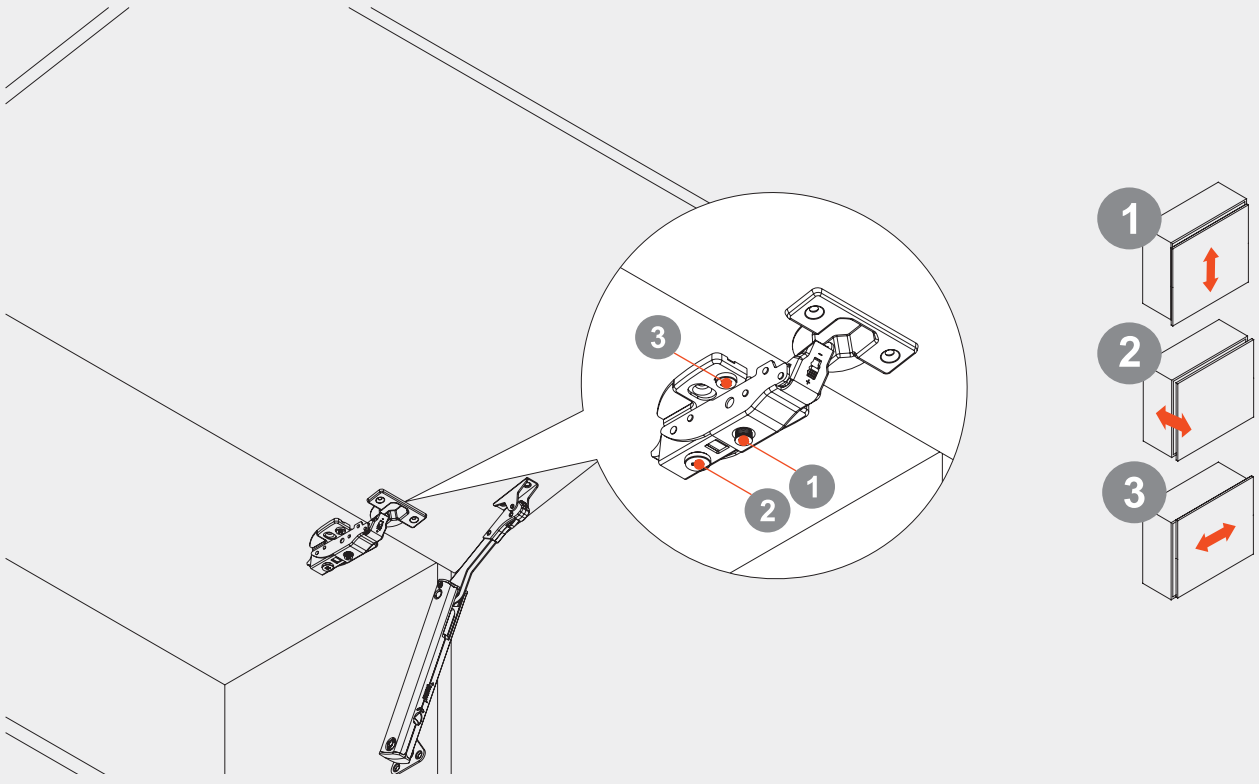
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ADJUSTMENTS POINTS

Lift mechanism force adjustment



Panel alignment adjustment



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PUSH-OPEN FREE-STOP SLIM UPWARD DOOR LIFT SYSTEM

TCH-313000 337.T

Features

- Slim compact design
- Free-stop functionality range: 40°-100°
- Force adjustable
- Hinge-required system.
- Recommended for use with the T-XT hinge series, featuring integrated opening angle restrictors (85°, 95°, 105°) and a built-in soft-open mechanism
- Compatible cabinet dimensions
  - Height: (10 1/4") 260 mm to (24") 600 mm
  - Front weight: (3.3 lb - 30.2 lb) 1.5 kg - 13.7 kg
- Sold as a each

Color options



Nickel



Gun Metal



Usage Recommendations

SKU	LF-Based Selection		Weight-Based Selection						Required QTY
	Cabinet Height	LF	Cabinet Height (KH)		Front Weight (LB)		Front Weight (KG)		
			IN	MM	Min.	Max.	Min.	Max.	
TCH-313000 337.T.L	10.25" - 16" 260 mm - 400 mm	52.1 - 104.2 in-lb 600 - 1200 mm.kg	10.25	260	5.1	10.1	2.3	4.6	1
			12	300	4.4	8.8	2.0	4.0	
			14	350	3.7	7.5	1.7	3.4	
			16	400	3.3	6.6	1.5	3.0	
	10.25" - 16" 260 mm - 400 mm	104.2 - 208.3 in-lb 1200 - 2400 mm-kg	10.25	260	10.1	20.3	4.6	9.2	2
			12	300	8.8	17.6	4.0	8.0	
			14	350	7.5	15.0	3.4	6.8	
			16	400	6.6	13.2	3.0	6.0	
TCH-313000 337.T.M	10.25" - 16" 260 mm - 400 mm	93.7 - 164.0 in.lb 1080 - 1890 mm.kg	10.25	260	9.0	15.9	4.1	7.2	1
			12	300	7.9	13.9	3.6	6.3	
			14	350	6.6	12.3	3.0	5.6	
			16	400	6.0	10.4	2.7	4.7	
	12" - 20" 300 mm - 500 mm	213.4 - 328.0 in.lb 2460 - 3780 mm-kg	12	300	18.1	27.8	8.2	12.6	2
			14	350	15.4	23.8	7.0	10.8	
			16	400	13.4	20.7	6.1	9.4	
TCH-313000 337.T.H	16" - 24" 400 mm - 600 mm	125.0 - 238.7 in.lb 1440 - 2750 mm-kg	16	400	7.9	15.0	3.6	6.8	1
			18	450	7.1	13.4	3.2	6.1	
			20	500	6.2	12.1	2.8	5.5	
			22	550	5.7	11.0	2.6	5.0	
			24	600	5.3	9.9	2.4	4.5	
	16" -24" 400 mm - 600 mm	250.0 - 477.4 in.lb 2880 - 5500 mm.kg	16	400	15.9	30.2	7.2	13.7	2
			18	450	14.1	26.9	6.4	12.2	
			20	500	12.6	24.3	5.7	11.0	
			22	550	11.5	22.0	5.2	10.0	
			24	600	10.6	20.1	4.8	9.1	

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.

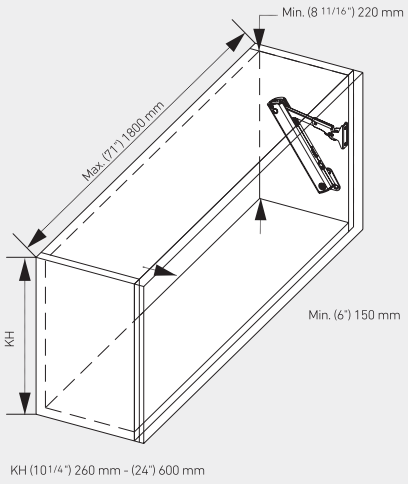
Lift Force (LF) Formula:
- LF = KH x Door Weight

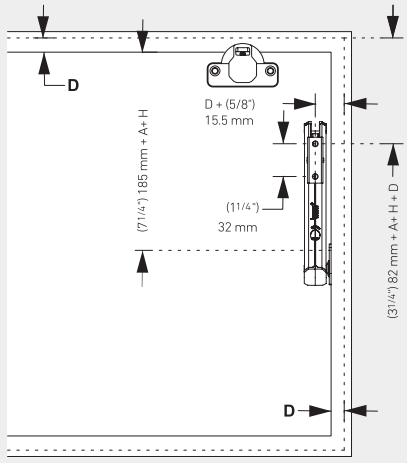
Model Selection Criteria:
- If the LF value falls within an overlapping range, always choose the larger model to ensure optimal performance and longevity.
- If the LF falls outside the standard range, a customized configuration is recommended to meet your cabinet's specific requirements.

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GENERAL INFORMATIONS

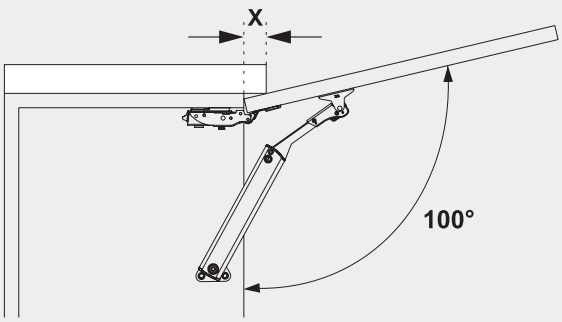
Cabinet specification





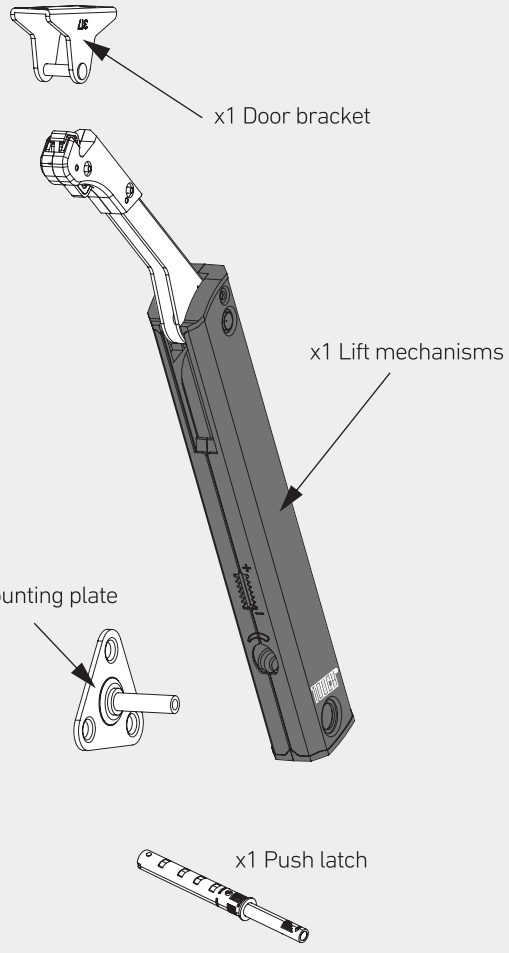
A = Hinge Arm Crank
- Straight Arm Crank: A = 0 mm
- Half-Cranked Arm: A = 9.5 mm
- Full-Cranked Arm: A = 18 mm

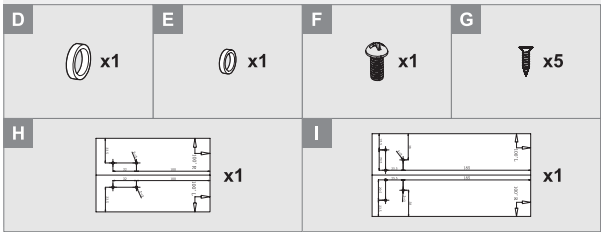
H = Mounting plate height
D = Overlay



Door thickness	MM	16	19	22	25
	IN	0.6	0.8	0.9	1
x	MM	42	31	20	12
	IN	1.7	1.2	0.8	0.5

Included components

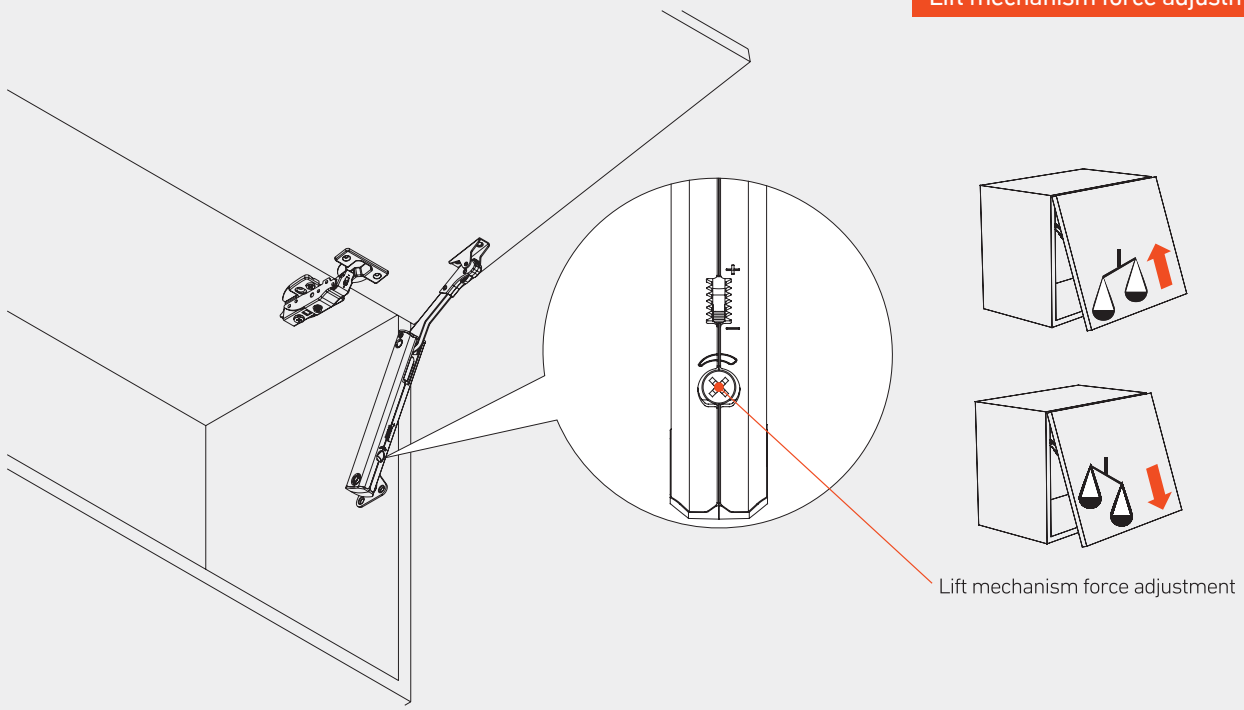




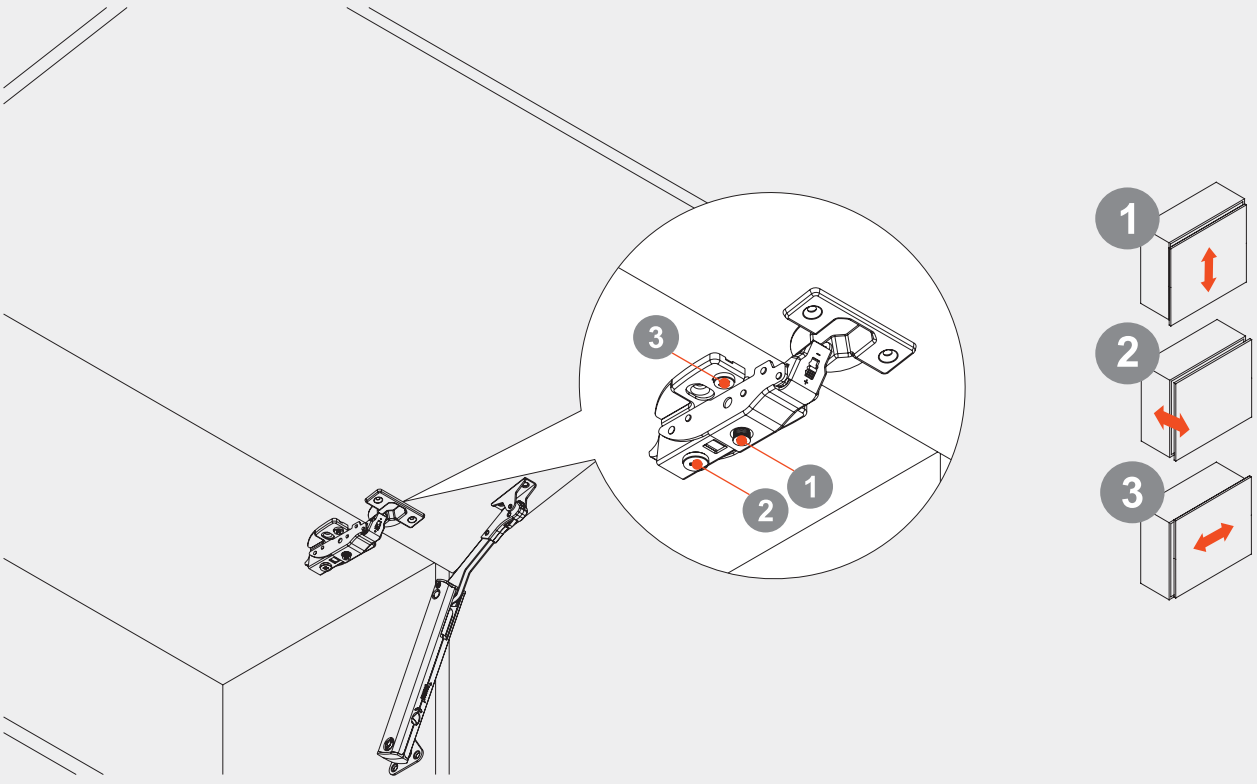
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ADJUSTMENTS POINTS

Lift mechanism force adjustment



Panel alignment adjustment



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GAS STRUT CABINET DOOR LIFT SYSTEM

Upgrade your space with smart opening systems. Exceptional durability merges with modern design to deliver silky-smooth movement for your cabinet doors, ensuring optimal storage and effortless access every time.

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SLIM DOUBLE-SOFT GAS STRUT CABINET DOOR LIFT SYSTEM

TCH-312037 FL.240



Features

- Slim design
- Adjustable soft opening & soft closing damping
- Stable lift support
- Hinge-required system
- Easy & secure installation
- Application versatility
- Compatible front weight: refer to load charts
- Sold as each

Color options



Silver



White



Dark Gray



Golden

Usage Recommendations

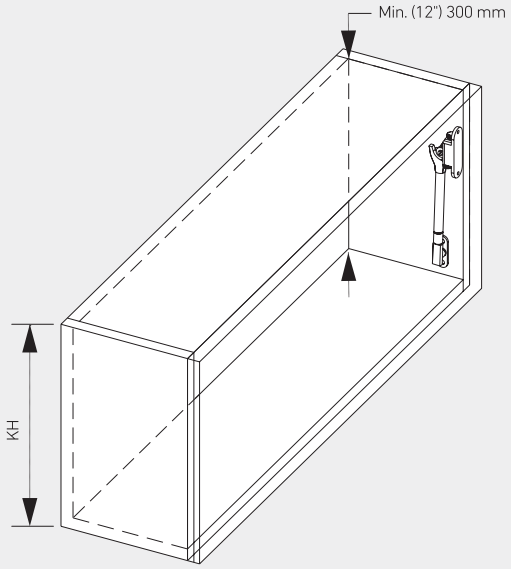
Weight-Based Selection										
Front Height		Front Width								
		16 inch 400 mm	20 inch 500 mm	24 inch 600 mm	28 inch 700 mm	32 inch 800 mm	36 inch 900 mm	40 inch 1000 mm	44 inch 1100 mm	48 inch 1200 mm
14 inch - 350 mm	Front weight	4.0 lb / 1.8 kg	5.1 lb / 2.3 kg	6.0 lb / 2.7 kg	7.1 lb / 3.2 kg	7.9 lb / 3.6 kg	9.0 lb / 4.1 kg	9.9 lb / 4.5 kg	11.2 lb / 5.1 kg	12.1 lb / 5.5 kg
	Force	50N	60N	80N	80N	50N	50N	60N	60N	80N
	Required QTY	1	1	1	1	2	2	2	2	2
16 inch - 400 mm	Front weight	4.6 lb / 2.1 kg	5.7 lb / 2.6 kg	6.8 lb / 3.1 kg	7.9 lb / 3.6 kg	9.3 lb / 4.2 kg	10.6 lb / 4.8 kg	11.7 lb / 5.3 kg	12.8 lb / 5.8 kg	13.9 lb / 6.3 kg
	Force	60N	80N	50N	50N	60N	80N	80N	80N	100N
	Required QTY	1	1	2	2	2	2	2	2	2
18 inch - 450 mm	Front weight	5.3 lb / 2.4 kg	6.6 lb / 3.0 kg	7.7 lb / 3.5 kg	9.0 lb / 4.1 kg	10.4 lb / 4.7 kg	11.7 lb / 5.3 kg	13.0 lb / 5.9 kg		
	Force	80N	50N	50N	60N	80N	80N	100N		
	Required QTY	1	2	2	2	2	2	2		
20 inch - 500 mm	Front weight	5.7 lb / 2.6 kg	7.3 lb / 3.3 kg	8.6 lb / 3.9 kg	10.1 lb / 4.6 kg	11.5 lb / 5.2 kg	13.0 lb / 5.9 kg			
	Force	50N	60N	80N	80N	100N	100N			
	Required QTY	2	2	2	2	2	2			
22 inch - 550 mm	Front weight	6.4 lb / 2.9 kg	7.9 lb / 3.6 kg	9.5 lb / 4.3 kg	11.0 lb / 5.0 kg					
	Force	60N	80N	80N	100N					
	Required QTY	2	2	2	2					
24 inch - 600 mm	Front weight	7.1 lb / 3.2 kg	8.6 lb / 3.9 kg	10.4 lb / 4.7 kg						
	Force	80N	80N	100N						
	Required QTY	2	2	2						

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.

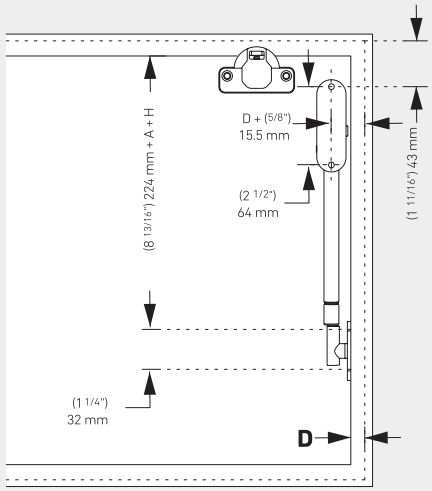
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GENERAL INFORMATIONS

Cabinet specification



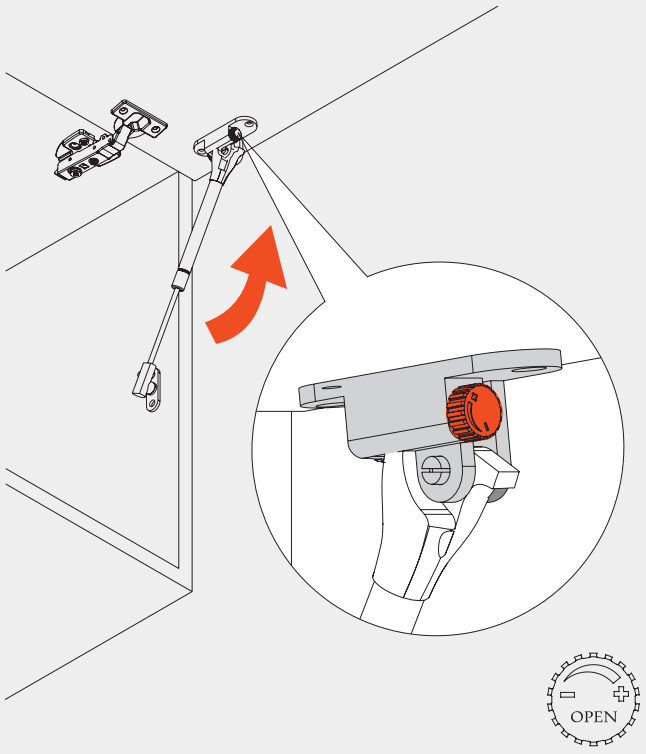
KH (14") 350 mm - (24") 600 mm



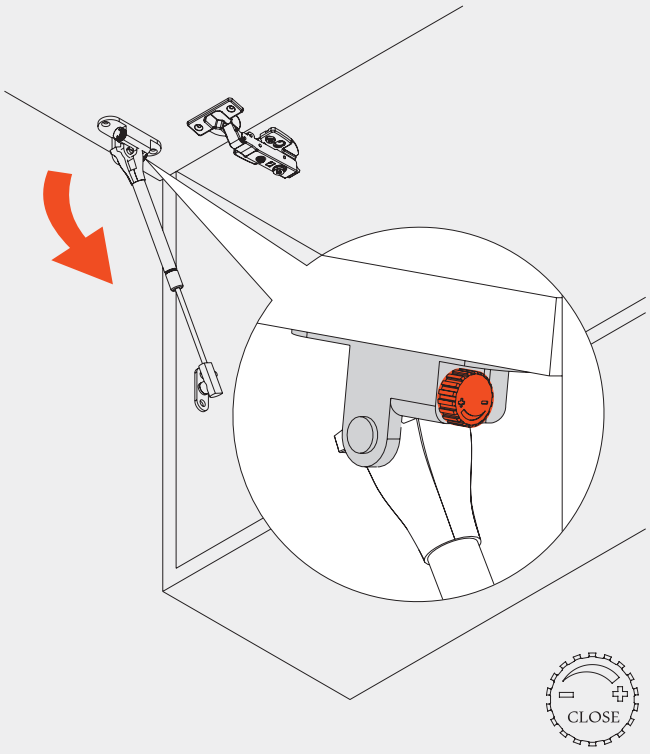
A = Hinge Arm Crank
- Straight Arm Crank: A = 0 mm
- Half-Cranked Arm: A = 9.5 mm
- Full-Cranked Arm: A = 18 mm

H = Mounting plate height
D = Overlay

Soft open damper adjustment range 70°-90°



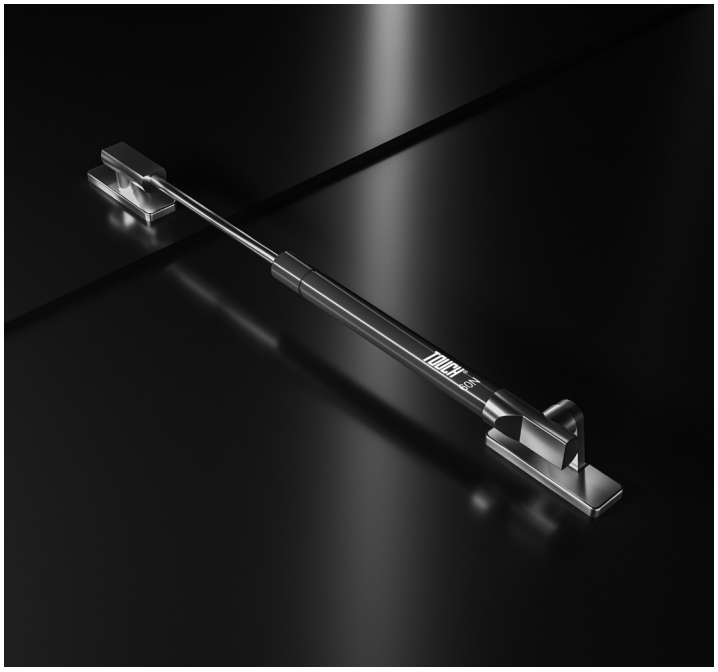
Soft close damper adjustment range 0°-30°



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SLIM UPWARD GAS STRUT CABINET DOOR LIFT SYSTEM

TCH-312012 UW.240



Features

- Slim design
- Stable upward lift support
- Hinge-required system
- Easy & secure installation
- Application versatility
- Compatible front weight: refer to load charts
- Sold as each

Color options



Silver



White



Dark Gray



Golden

Usage Recommendations

Weight-Based Selection

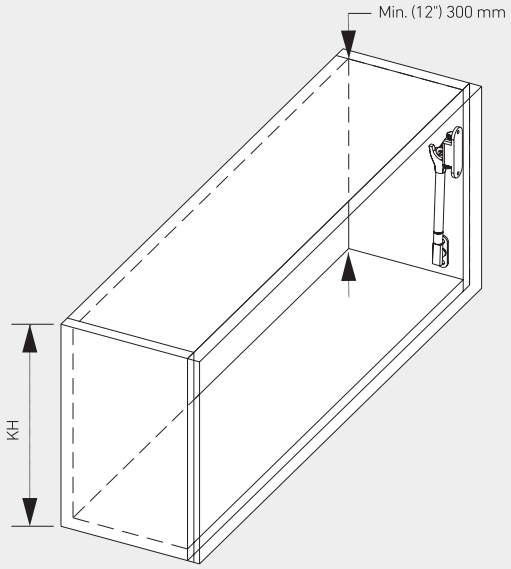
Front Height		Front Width								
		16 inch 400 mm	20 inch 500 mm	24 inch 600 mm	28 inch 700 mm	32 inch 800 mm	36 inch 900 mm	40 inch 1000 mm	44 inch 1100 mm	48 inch 1200 mm
14 inch - 350 mm	Front weight	4.0 lb / 1.8 kg	5.1 lb / 2.3 kg	6.0 lb / 2.7 kg	7.1 lb / 3.2 kg	7.9 lb / 3.6 kg	9.0 lb / 4.1 kg	9.9 lb / 4.5 kg	11.2 lb / 5.1 kg	12.1 lb / 5.5 kg
	Force	50N	50N	60N	80N	80N	50N	50N	60N	60N
	Required QTY	1	1	1	1	1	2	2	2	2
16 inch - 400 mm	Front weight	4.6 lb / 2.1 kg	5.7 lb / 2.6 kg	6.8 lb / 3.1 kg	7.9 lb / 3.6 kg	9.3 lb / 4.2 kg	10.6 lb / 4.8 kg	11.7 lb / 5.3 kg	12.8 lb / 5.8 kg	13.9 lb / 6.3 kg
	Force	60N	80N	80N	50N	60N	60N	80N	80N	80N
	Required QTY	1	1	1	2	2	2	2	2	2
18 inch - 450 mm	Front weight	5.3 lb / 2.4 kg	6.6 lb / 3.0 kg	7.7 lb / 3.5 kg	9.0 lb / 4.1 kg	10.4 lb / 4.7 kg	11.7 lb / 5.3 kg	13.0 lb / 5.9 kg	14.3 lb / 6.5 kg	15.4 lb / 7.0 kg
	Force	80N	50N	50N	60N	80N	80N	100N	100N	100N
	Required QTY	1	2	2	2	2	2	2	2	2
20 inch - 500 mm	Front weight	5.7 lb / 2.6 kg	7.3 lb / 3.3 kg	8.6 lb / 3.9 kg	10.1 lb / 4.6 kg	11.5 lb / 5.2 kg	13.0 lb / 5.9 kg	14.3 lb / 6.5 kg		
	Force	80N	50N	60N	80N	80N	100N	100N		
	Required QTY	1	2	2	2	2	2	2		
22 inch - 550 mm	Front weight	6.4 lb / 2.9 kg	7.9 lb / 3.6 kg	9.5 lb / 4.3 kg	11.0 lb / 5.0 kg	12.8 lb / 5.8 kg				
	Force	50N	60N	80N	100N	100N				
	Required QTY	2	2	2	2	2				
24 inch - 600 mm	Front weight	7.1 lb / 3.2 kg	8.6 lb / 3.9 kg	10.4 lb / 4.7 kg						
	Force	60N	80N	100N						
	Required QTY	2	2	2						

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.

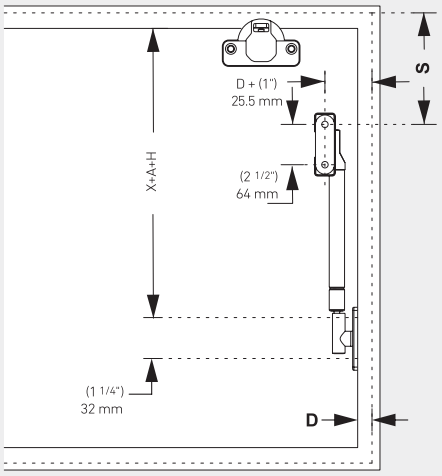
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GENERAL INFORMATIONS

Cabinet specification



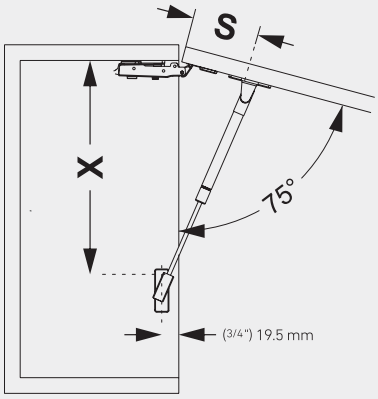
KH (14") 350 mm - (24") 600 mm



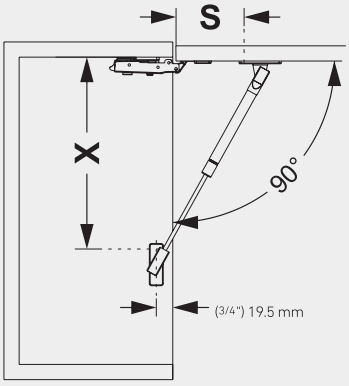
A = Hinge Arm Crank
- Straight Arm Crank: A = 0 mm
- Half-Cranked Arm: A = 9.5 mm
- Full-Cranked Arm: A = 18 mm

X = Lift arm mounting point
S = Door mounting point
H = Mounting plate height
D = Overlay

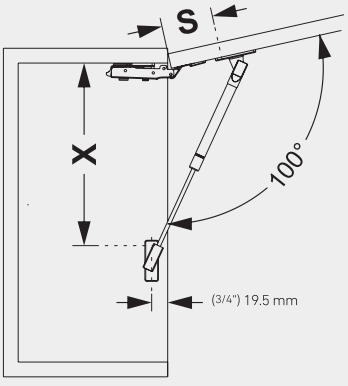
Installation according to opening angle



S = (2 7/8") 73 mm
X = (9 13/16") 250 mm



S = (2 5/8") 66 mm
X = (9 1/16") 230 mm



S = (2") 50mm
X = (8 7/8") 255 mm

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SLIM DOWNWARD OIL STRUT CABINET DOOR LIFT SYSTEM

TCH-312012 DW.240



Features

- Slim design
- Stable downward lift support
- Hinge-required system
- Easy & secure installation
- Application versatility
- Compatible front weight: refer to load charts
- Sold as each

Color options


Silver


White


Dark Gray


Golden

Usage Recommendations

Weight-Based Selection

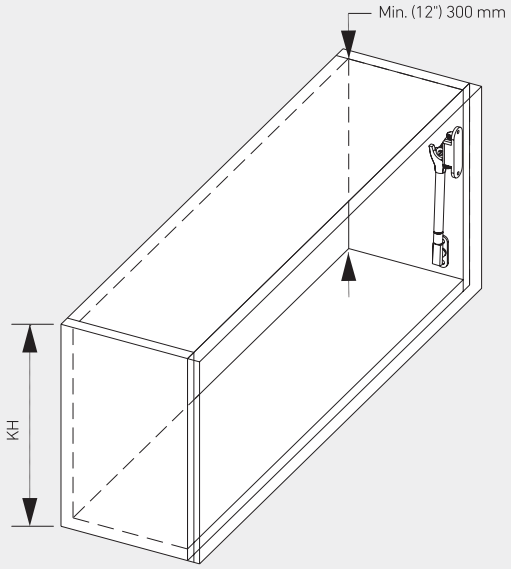
Front Height		Front Width								
		16 inch 400 mm	20 inch 500 mm	24 inch 600 mm	28 inch 700 mm	32 inch 800 mm	36 inch 900 mm	40 inch 1000 mm	44 inch 1100 mm	48 inch 1200 mm
14 inch - 350 mm	Front weight	4.0 lb / 1.8 kg	5.1 lb / 2.3 kg	6.0 lb / 2.7 kg	7.1 lb / 3.2 kg	7.9 lb / 3.6 kg	9.0 lb / 4.1 kg	9.9 lb / 4.5 kg	11.2 lb / 5.1 kg	12.1 lb / 5.5 kg
	Force	50N	50N	60N	80N	80N	50N	50N	60N	60N
	Required QTY	1	1	1	1	1	2	2	2	2
16 inch - 400 mm	Front weight	4.6 lb / 2.1 kg	5.7 lb / 2.6 kg	6.8 lb / 3.1 kg	7.9 lb / 3.6 kg	9.3 lb / 4.2 kg	10.6 lb / 4.8 kg	11.7 lb / 5.3 kg	12.8 lb / 5.8 kg	13.9 lb / 6.3 kg
	Force	60N	80N	80N	50N	60N	60N	80N	80N	80N
	Required QTY	1	1	1	2	2	2	2	2	2
18 inch - 450 mm	Front weight	5.3 lb / 2.4 kg	6.6 lb / 3.0 kg	7.7 lb / 3.5 kg	9.0 lb / 4.1 kg	10.4 lb / 4.7 kg	11.7 lb / 5.3 kg	13.0 lb / 5.9 kg	14.3 lb / 6.5 kg	15.4 lb / 7.0 kg
	Force	80N	50N	50N	60N	80N	80N	100N	100N	100N
	Required QTY	1	2	2	2	2	2	2	2	2
20 inch - 500 mm	Front weight	5.7 lb / 2.6 kg	7.3 lb / 3.3 kg	8.6 lb / 3.9 kg	10.1 lb / 4.6 kg	11.5 lb / 5.2 kg	13.0 lb / 5.9 kg	14.3 lb / 6.5 kg		
	Force	80N	50N	60N	80N	80N	100N	100N		
	Required QTY	1	2	2	2	2	2	2		
22 inch - 550 mm	Front weight	6.4 lb / 2.9 kg	7.9 lb / 3.6 kg	9.5 lb / 4.3 kg	11.0 lb / 5.0 kg	12.8 lb / 5.8 kg				
	Force	50N	60N	80N	100N	100N				
	Required QTY	2	2	2	2	2				
24 inch - 600 mm	Front weight	7.1 lb / 3.2 kg	8.6 lb / 3.9 kg	10.4 lb / 4.7 kg						
	Force	60N	80N	100N						
	Required QTY	2	2	2						

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.

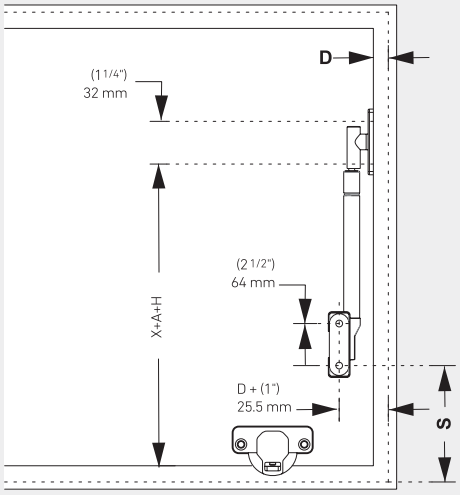
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GENERAL INFORMATIONS

Cabinet specification



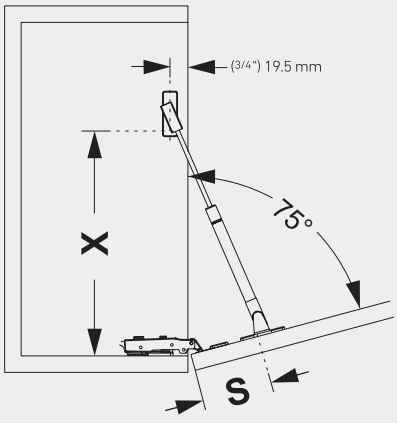
KH (14") 350 mm - (24") 600 mm



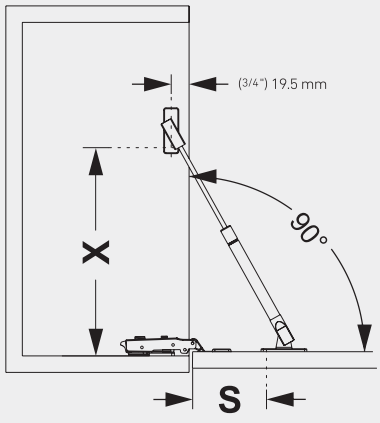
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X = Lift arm mounting point
S = Door mounting point
H = Mounting plate height
D = Overlay

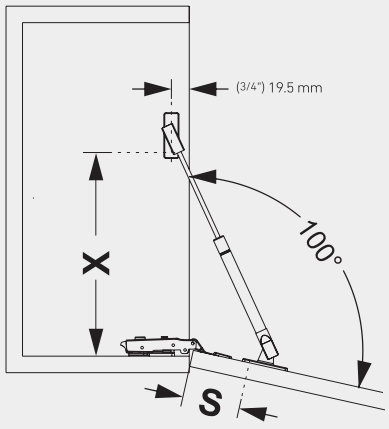
Installation according to opening angle



S = (2 7/8") 73 mm
X = (9 13/16") 250 mm



S = (2 5/8") 66 mm
X = (9 1/16") 230 mm



S = (2") 50mm
X = (8 7/8") 225 mm

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