



*Designed by
T.C.H. California*

CATALOG

HINGES SYSTEM



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TOUCH HINGES SYSTEM

An advanced, patented hinge engineered for superior performance and precision. It offers three adjustable opening angles – 105°, 95°, and 85° – to suit various cabinet layouts and space constraints.

Equipped with a Soft-Close system for smooth, silent operation and a precise gap adjustment for perfect door alignment, it ensures lasting durability and refined aesthetics. The integrated Push-to-Open function enables effortless opening with a simple touch, merging modern design with exceptional functionality.

Touch Cabinets Hardware



105°
95°
85°

**MULTIPLE ANGLE
RESTRICTOR**



**SMART GAP
ALIGNMENT**

T-XT 11400 SERIES

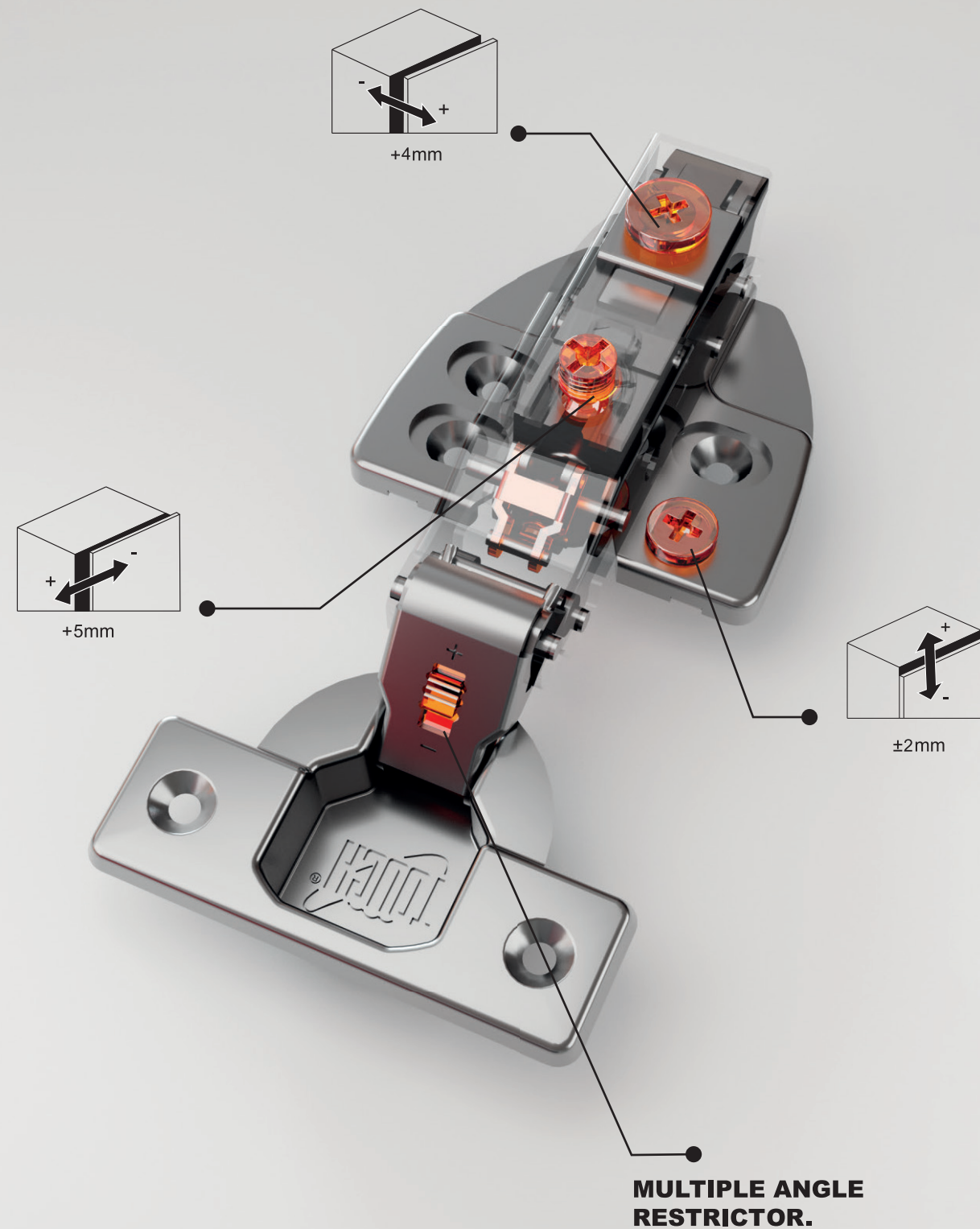
PUSH-OPEN FUNCTION

T-X 11400 SERIES

SOFT-CLOSE FEATURE



3D+ ADJUSTMENT



**SOFT-CLOSE ENGAGES AT
A MINIMAL OPENING ANGLE**

7.5°



BUILT TO LAST
OVER 100,000 LIFE CYCLES



SGS

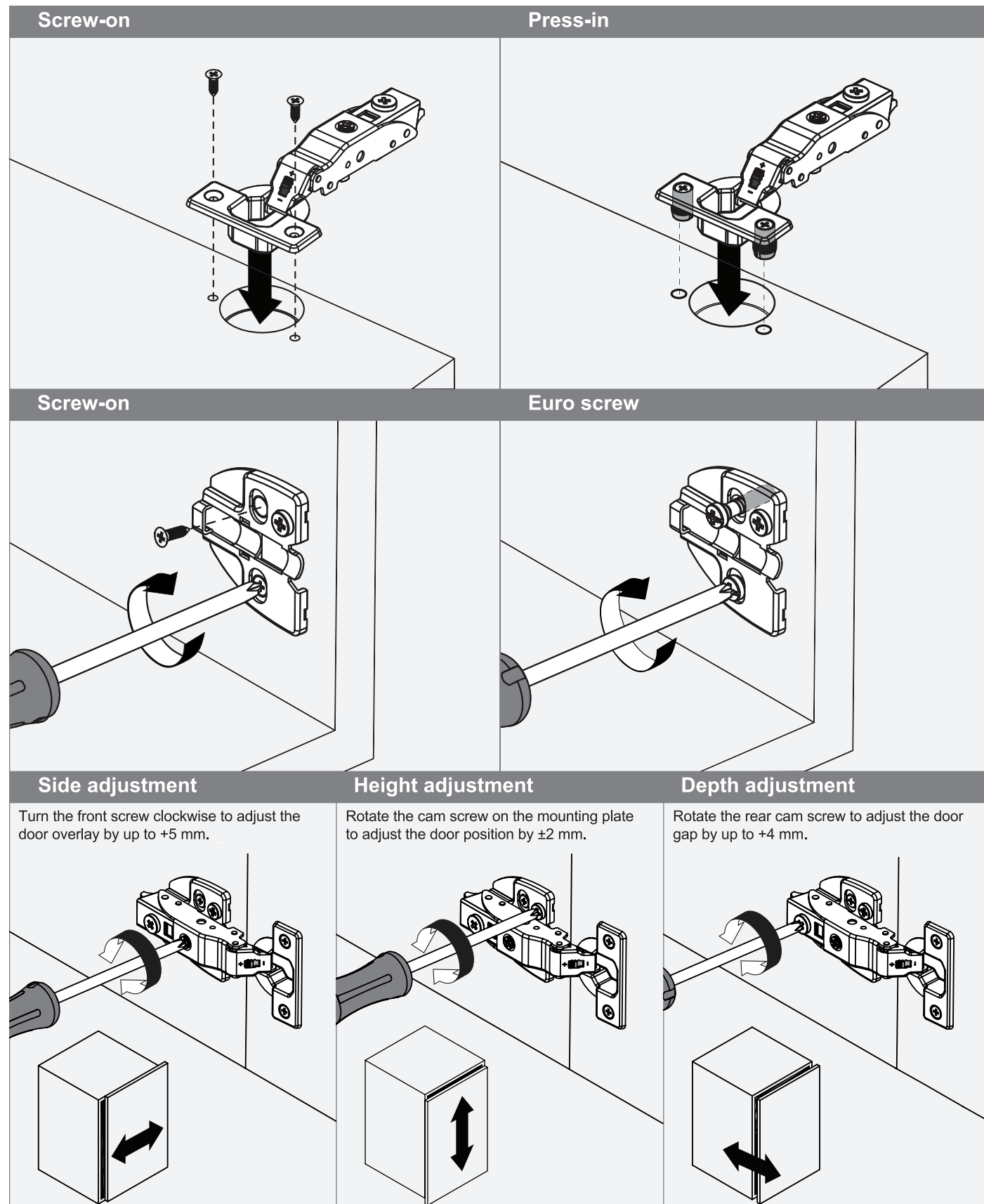
GRADE 10
SALT SPRAY 48 HOURS



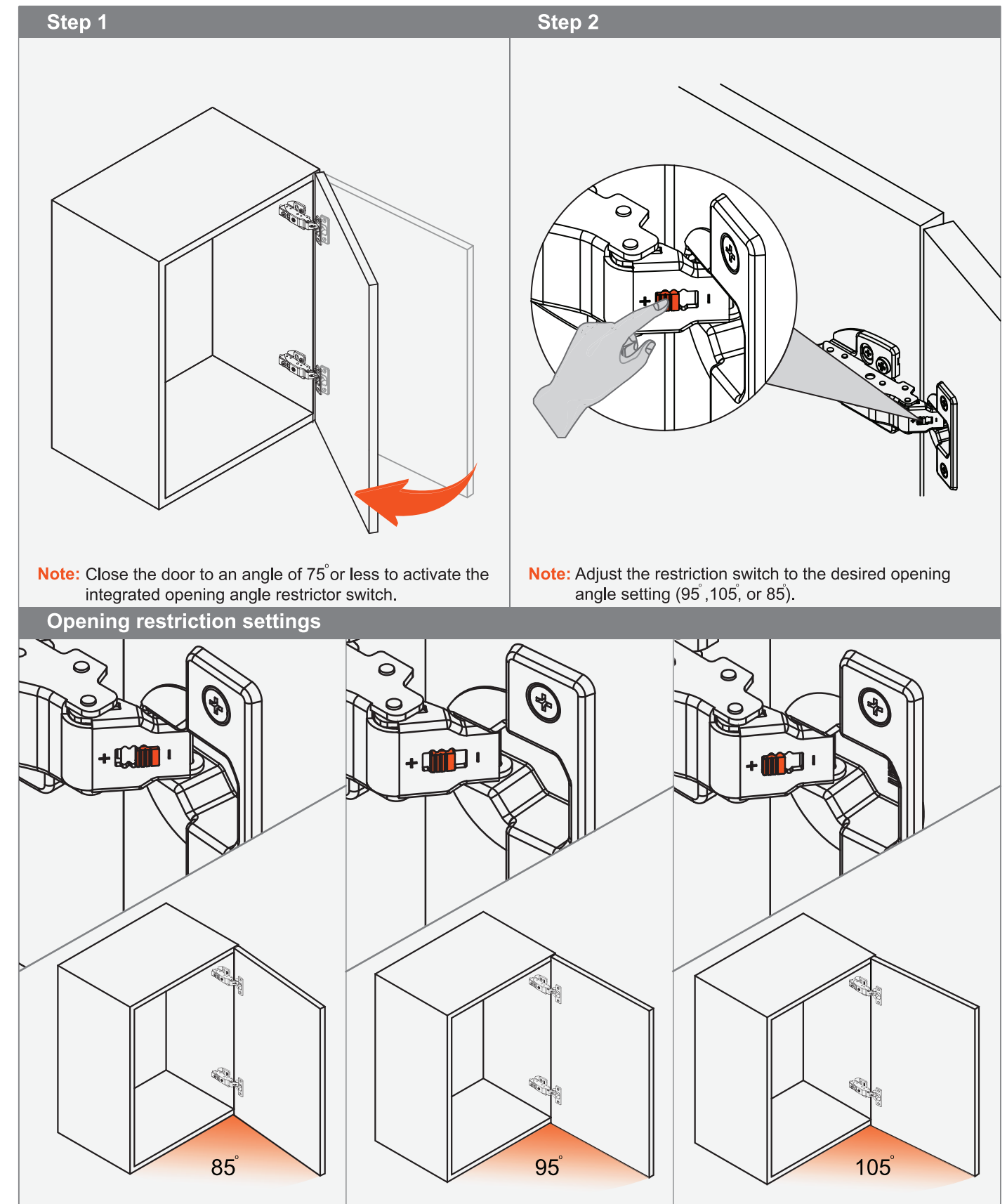
SGS



GENERAL SPESIFICATION



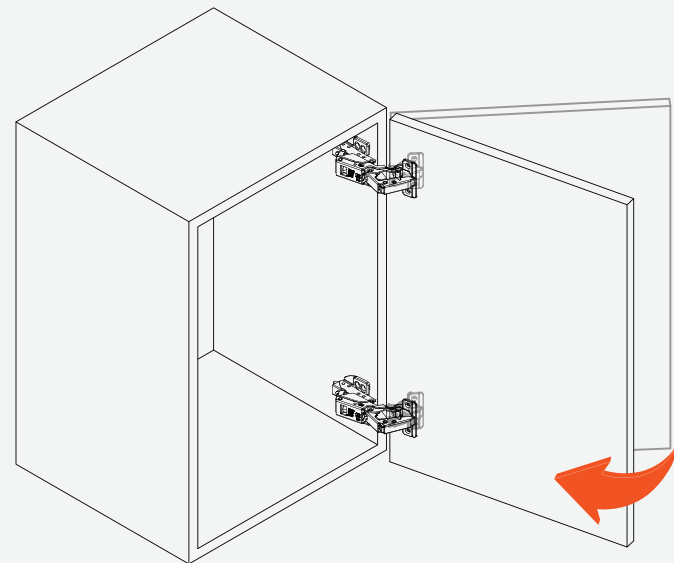
HOW TO USE THE OPENING ANGLE RESTRICTOR ON A STANDARD HINGE





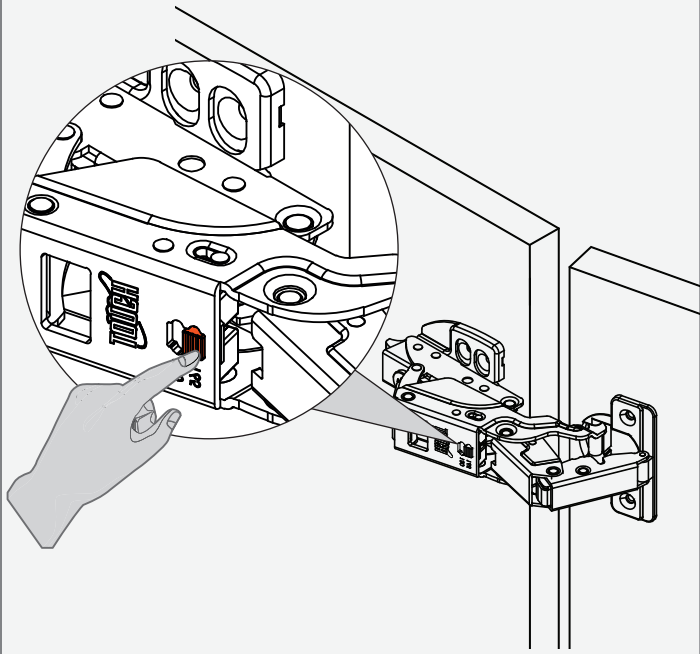
HOW TO USE THE OPENING ANGLE RESTRICTOR ON THE 165-DEGREE HINGE

Step 1



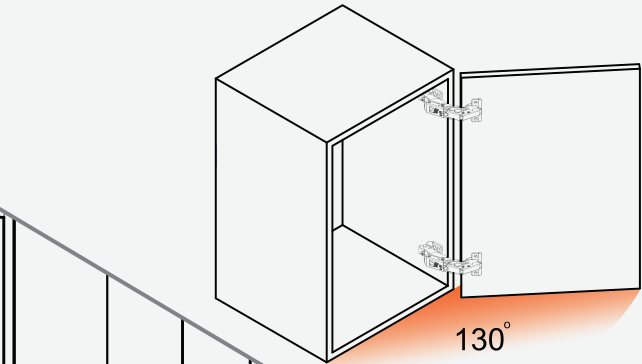
Note: Close the door to an angle of 120° or less to activate the integrated opening angle restrictor switch.

Step 2

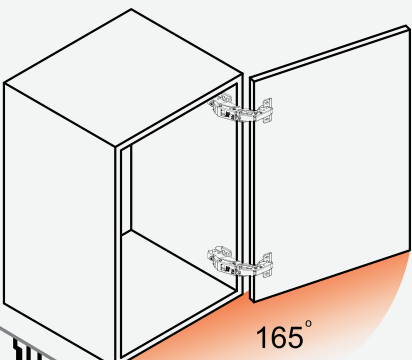


Note: Adjust the restriction switch to the desired opening angle setting (130° or 165°).

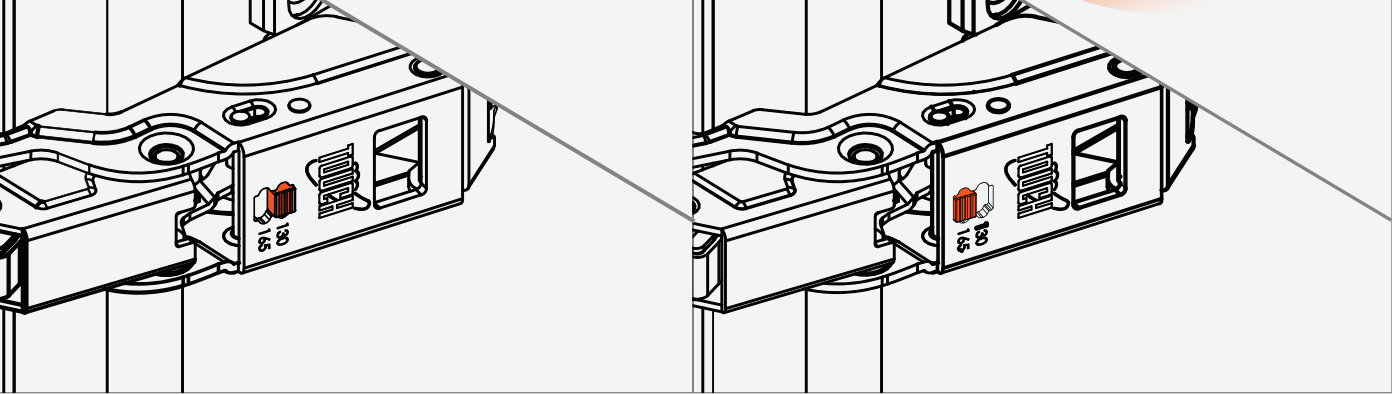
Opening restriction settings



130°



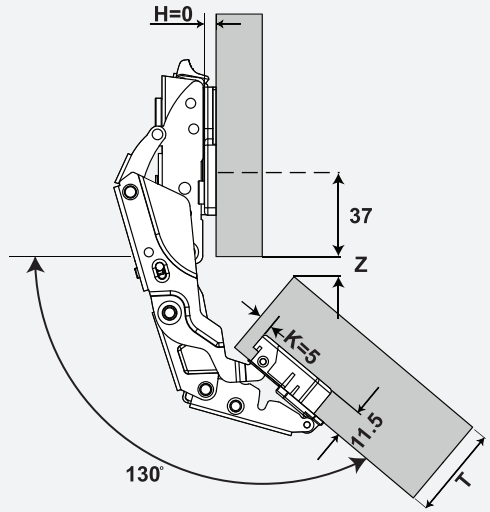
165°



165 DEGREES HINGE SPECIAL APPLICATIONS

Straight-arm

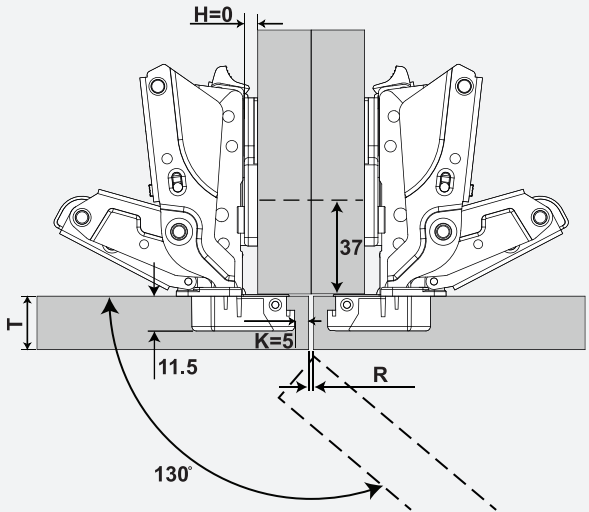
Thick door application



Thick Door					
Z	16.25	13.2	10.9	8.6	6.3
T	25	29	32	35	38

Z = Gap, T = Door thickness

Thick door- twin application

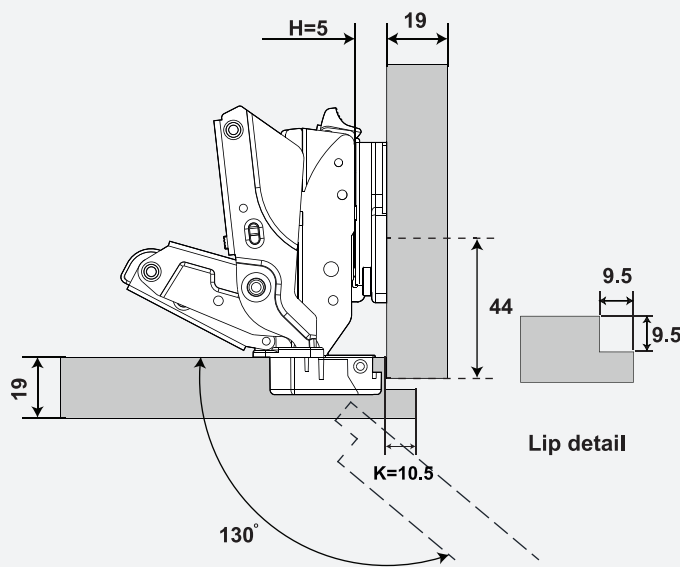


TwinThick Door					
R	0	1	2	5	13.5
T	16	18	20	21	25

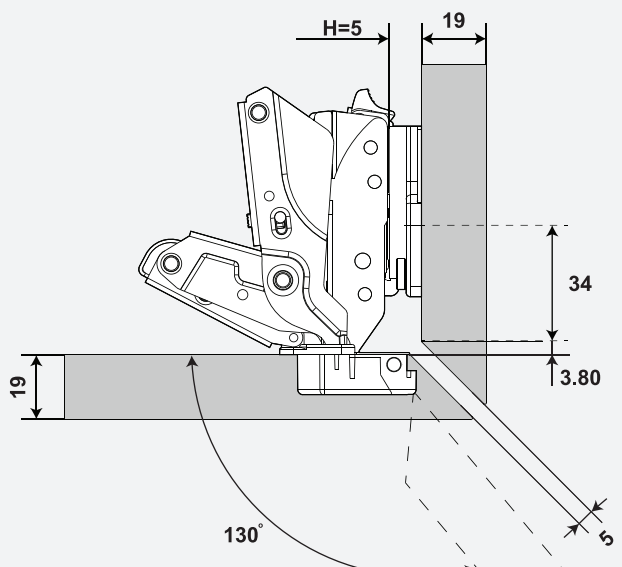
R = Min. reveal, T = Door thickness

Half-ckranked

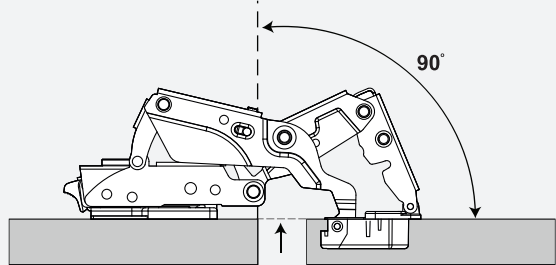
Lip door application



Mitered corner door application



Door Protrusion



Zero protrusion for use with pull-out drawers. With a straight-arm hinge and a 0 mm mounting plate, the door maintains 0 mm protrusion at a 90° opening, regardless of the boring distance



T-X SOFT-CLOSE STANDARD EUROPEAN HINGES

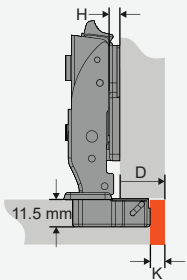
TCH-11400 SERIES



Features

- Opening angle 105°
- Controlled adjustment with gap stability
- Opening angle restrictor integrated into the hinge link
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness up to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 T-X F



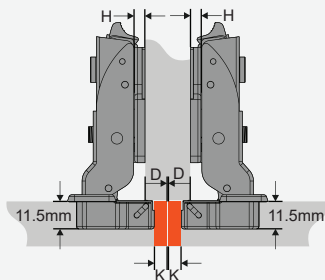
Straight-arm

D	H	K	3	4	5	6	7
0			16	17	18	19	20
3			13	14	15	16	17
4			12	13	14	15	16
5			11	12	13	14	15

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 T-X H



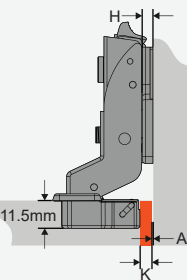
Half-cranked

D	H	K	3	4	5	6	7
0			7	8	9	10	11
3			4	5	6	7	8
4			3	4	5	6	7
5			2	3	4	5	6

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 T-X I



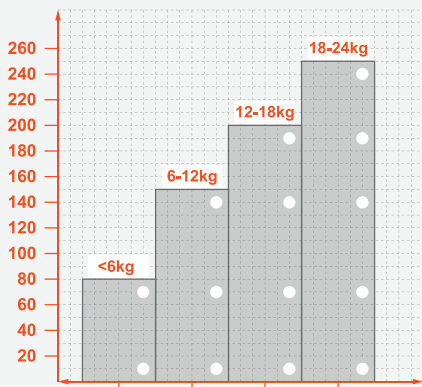
Full-cranked

A	H	K	3	4	5	6	7
0			2.5	1.5	0.5		
3			5.5	4.5	3.5	2.5	1.5
4			6.5	5.5	4.5	3.5	2.5
5			7.5	6.5	5.5	4.5	3.5

Abbreviations

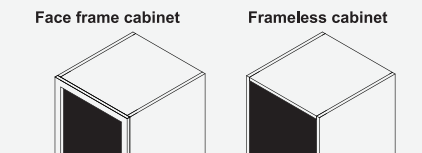
H	mounting plate height
K	cup boring distance
A	reveal

Hinges per door

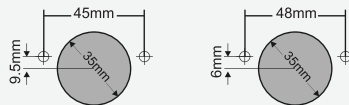


(Door width must not exceed 600 mm)

Application



Cup centerpoint dimensions



Available mounting type



T-XT PUSH-OPEN STANDARD EUROPEAN HINGES

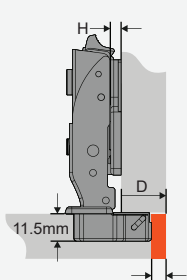
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Opening angle restrictor for integrated into the hinge link
- Built-in push-open rebound buffer system
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness up to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 T-XT F



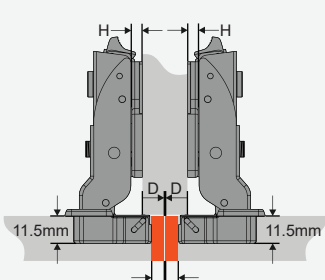
Straight-arm

D	H	K	3	4	5	6	7
0			16	17	18	19	20
3			13	14	15	16	17
4			12	13	14	15	16
5			11	12	13	14	15

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 T-XT H



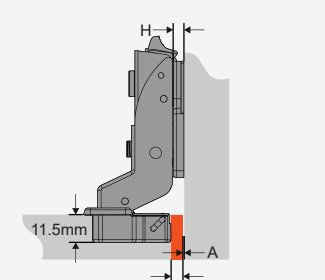
Half-cranked

D	H	K	3	4	5	6	7
0			7	8	9	10	11
3			4	5	6	7	8
4			3	4	5	6	7
5			2	3	4	5	6

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 T-XT I



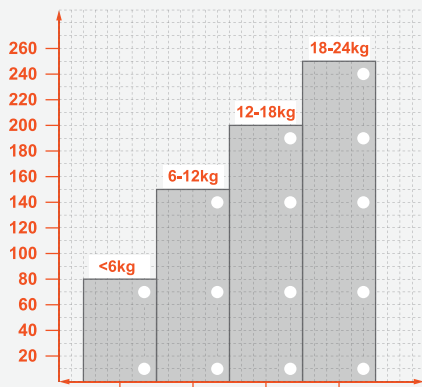
Full-cranked

A	H	K	3	4	5	6	7
0			2.5	1.5	0.5		
3			5.5	4.5	3.5	2.5	1.5
4			6.5	5.5	4.5	3.5	2.5
5			7.5	6.5	5.5	4.5	3.5

Abbreviations

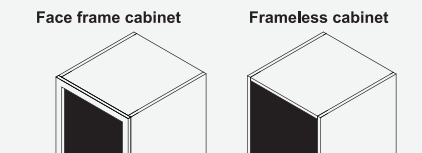
H	mounting plate height
K	cup boring distance
A	reveal

Hinges per door

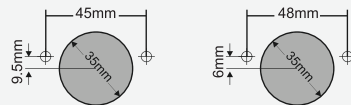


(Door width must not exceed 600 mm)

Application



Cup centerpoint dimensions



Available mounting type





T-X SOFT-CLOSE 165 DEGREE HINGES

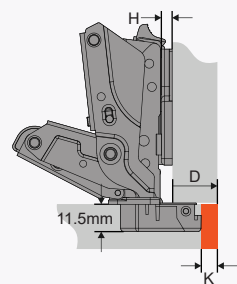
TCH-11400 SERIES



Features

- Open angle 165°
- Controlled adjustment with gap stability
- Opening angle restrictor for 130° integrated into the hinge link
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness up to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 T-X 165 F



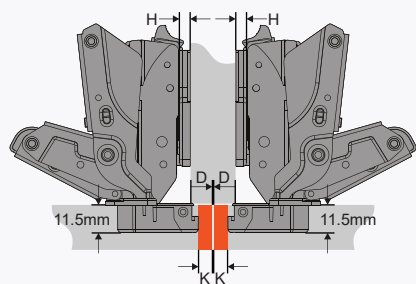
Straight-arm

D	H	K	3	4	5	6	7
0			16	17	18	19	20
3			13	14	15	16	17
4			12	13	14	15	16
5			14	15	16	17	18

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 T-X 165 H



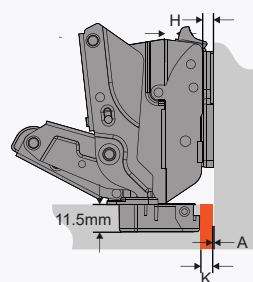
Half-cranked

D	H	K	3	4	5	6	7
0			7	8	9	10	11
3			4	5	6	7	8
4			3	4	5	6	7
5			2	3	4	5	6

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 T-X 165 I



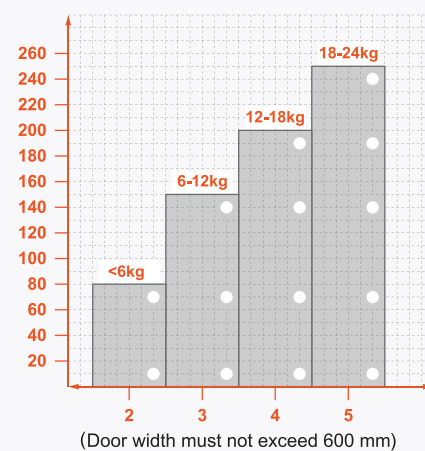
Full-cranked

A	H	K	3	4	5	6	7
0			2.5	1.5	0.5		
3			5.5	4.5	3.5	2.5	1.5
4			6.5	5.5	4.5	3.5	2.5
5			7.5	6.5	5.5	4.5	3.5

Abbreviations

H	mounting plate height
K	cup boring distance
A	reveal

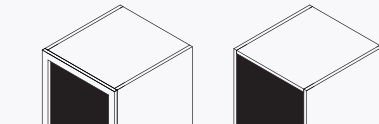
Hinges per door



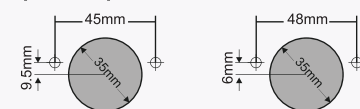
Application

Face frame cabinet

Frameless cabinet



Cup centerpoint dimensions



Available mounting type



BI-FOLD DOUBLE DOORS HINGE

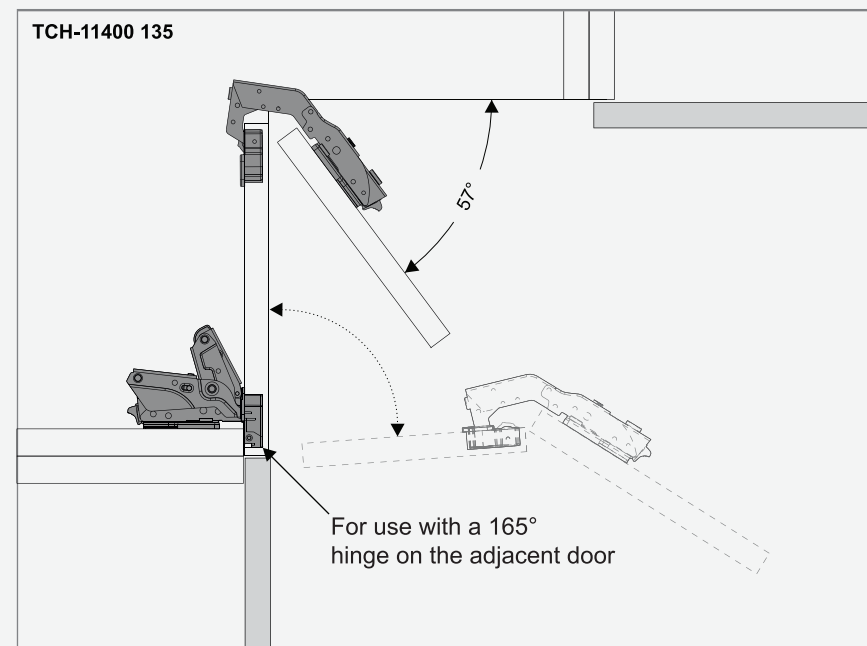
TCH-11400 SERIES



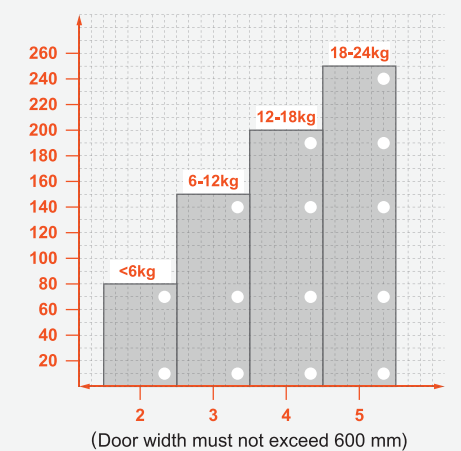
Features

- Open angle 135°
- Controlled adjustment with gap stability
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness 16mm to 26mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 135



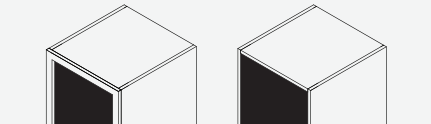
Hinges per door



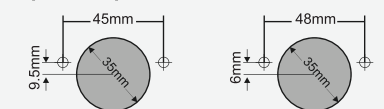
Application

Face frame cabinet

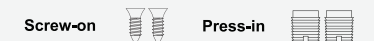
Frameless cabinet



Cup centerpoint dimensions



Available mounting type





T-X SOFT-CLOSE INSET BLIND CORNER HINGE

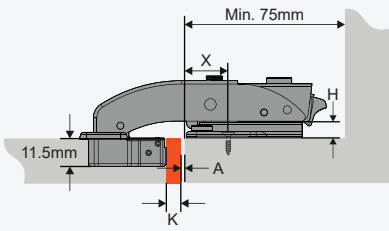
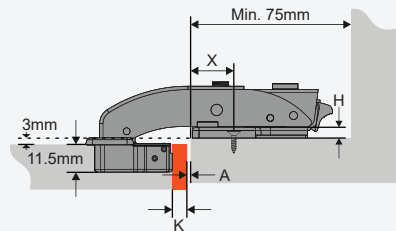
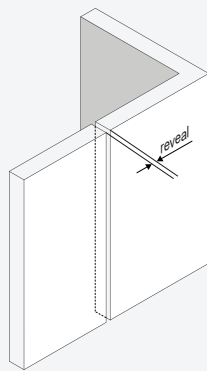
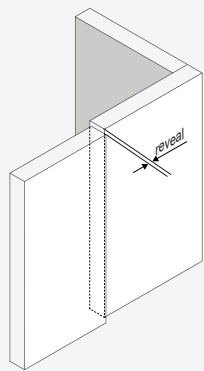
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Opening angle restrictor integrated into the hinge link
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness 14mm to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 090 I



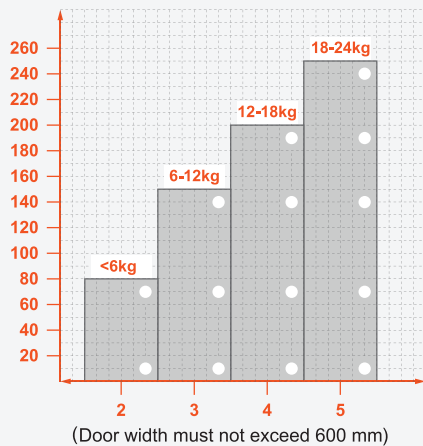
Reveal

K	3	4	5	6	7
X	5	4	3	2	1
21.5	5	4	3	2	1
22.5	4	3	2	1	0
23.5	3	2	1	0	

Abbreviations

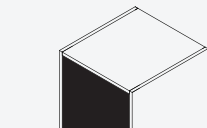
H	mounting plate height
K	cup boring distance
A	reveal

Hinges per door

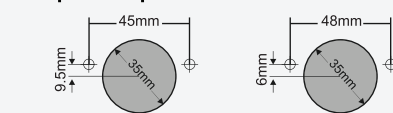


Application

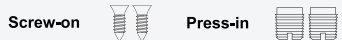
Frameless cabinet



Cup centerpoint dimensions



Available mounting type



T-X SOFT-CLOSE OVERLAY BLIND CORNER HINGE

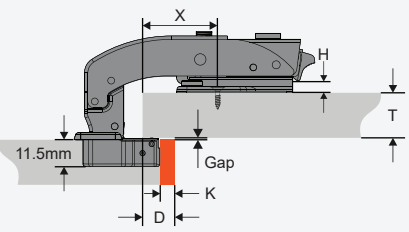
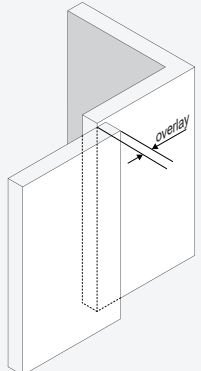
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Opening angle restrictor integrated into the hinge link
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness 14mm to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 090 F



Overlay

K	3	4	5	6	7
X	2	3	4	5	6
27	2	3	4	5	6
32	7	8	9	10	11
37	12	13	14	15	16

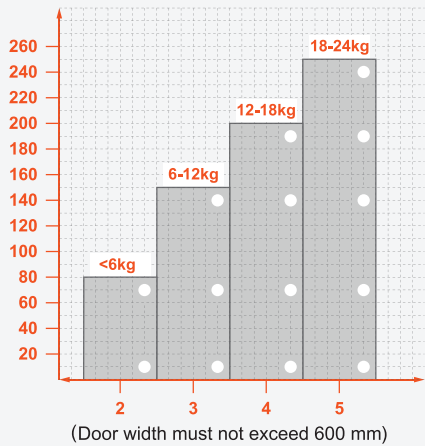
Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay
T	door thickness

Gap

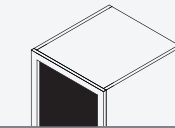
T	16	19	22		
H	7	4	1		
0	7	4	1		
3	4	1	-		
4	3				
5	2				

Hinges per door

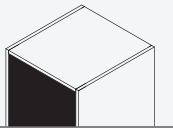


Application

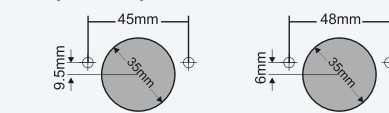
Face frame cabinet



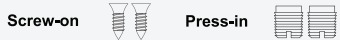
Frameless cabinet



Cup centerpoint dimensions



Available mounting type





SOFT-CLOSE +45°II OVERLAY ANGLED
APPLICATION HINGE

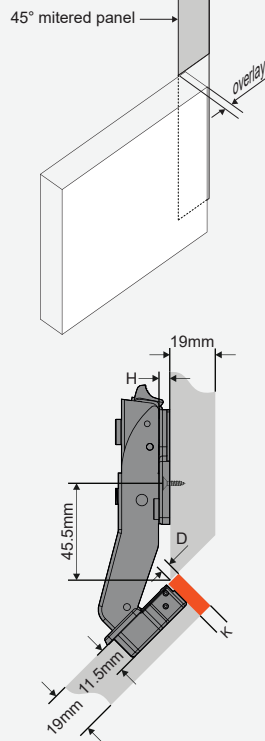
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness up to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 045 II

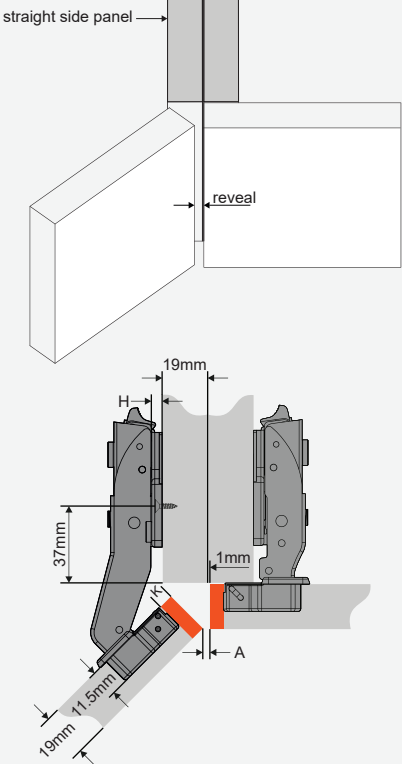


D						
K	3	4	5	6	7	
H	0	1.5	2.5	3.5	4.5	5.5

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 045 II

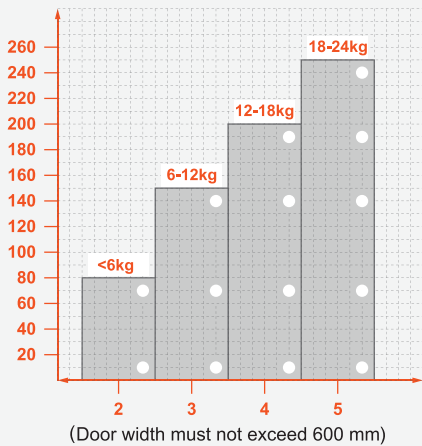


R						
K \ H	3	4	5	6	7	
0	5	4.3	3.6	2.8	2.1	

Abbreviations

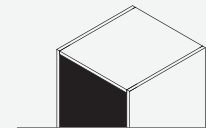
H	mounting plate height
K	cup boring distance
A	reveal

Hinges per door

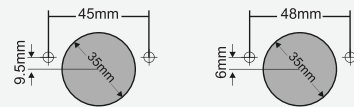


Application

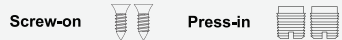
Frameless cabinet



Cup centerpoint dimensions



Available mounting type



SOFT-CLOSE +45°I HALF OVERLAY ANGLED
APPLICATION HINGE

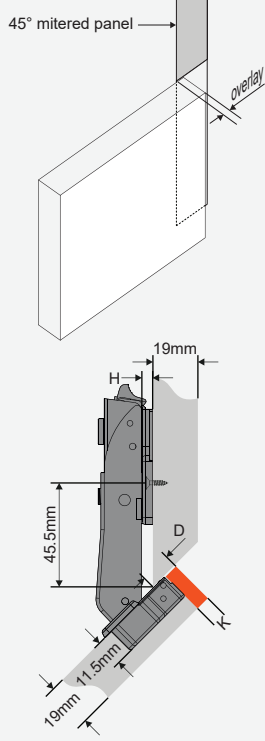
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness up to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11400 045 I

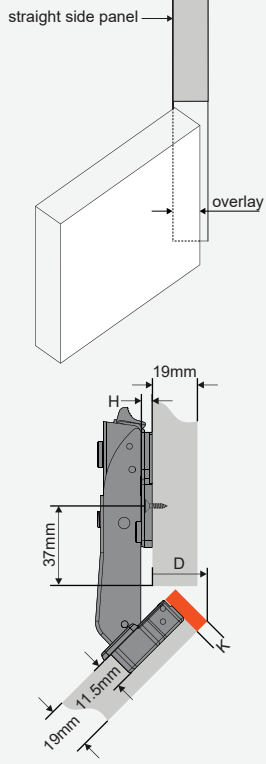


D						
K \ H	3	4	5	6	7	
0	10.3	11.3	12.3	13.3	14.3	

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 045 I

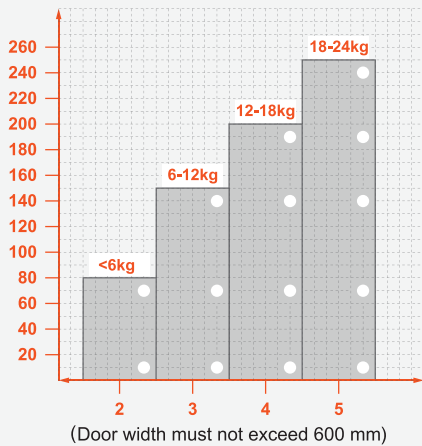


D						
K \ H	3	4	5	6	7	
0	21.5	22.2	22.9			

Abbreviations

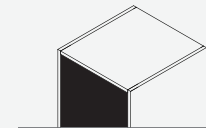
H	mounting plate height
K	cup boring distance
D	door overlay

Hinges per door

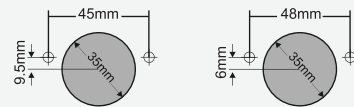


Application

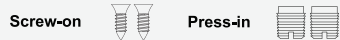
Frameless cabinet



Cup centerpoint dimensions



Available mounting type





SOFT-CLOSE +30° ANGLED APPLICATION HINGE

TCH-11400 SERIES



- Features**
- Open angle 105°
 - Controlled adjustment with gap stability
 - Soft-close built-in hydraulic damper
 - Diameter of hinge cup 35mm
 - Boring distance range 3mm to 5mm
 - Height of hinge cup 11.5mm
 - For door thickness up to 21mm
 - Compatible with existing mounting plates
 - Finish: Nickel-plated

TCH-11400 030

D	K	3	4	5
H	0	6	7	8

Abbreviations

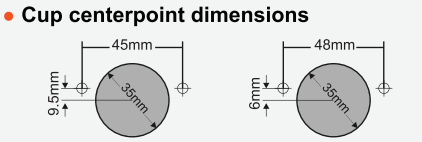
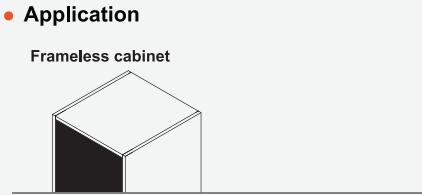
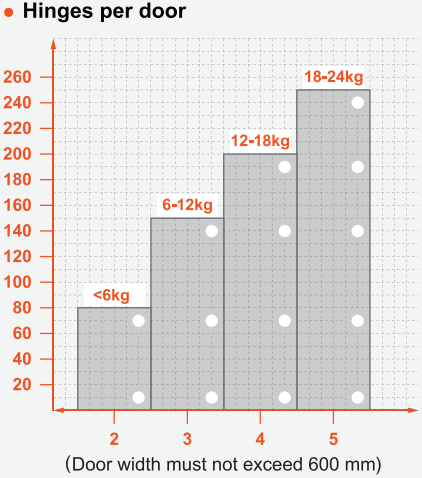
H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11400 030

D	K	3	4	5
H	0	5.7	6.6	7.5

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay



T-X Black Hinges for Wooden Cabinet Doors

TCH-11400 T-X F GM



TCH-11400 T-X H GM



TCH-11400 T-X I GM



TCH-11400 T-X F GM



TCH-11400 T-X H GM



TCH-11400 T-X I GM



TCH-11400 T-X 165 F GM



TCH-11400 T-X 165 H GM



TCH-11400 T-X 165 I GM



TCH-11400 135 GM



TCH-11400 090 I GM



TCH-11400 090 F GM



TCH-11400 045 II GM



TCH-11400 045 I GM



TCH-11400 030 GM





TWO WAY SOFT-CLOSE STANDARD EUROPEAN HINGES

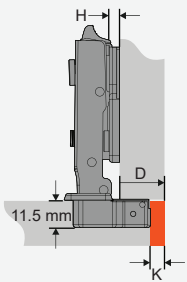
TCH-11400 SERIES



Features

- Open angle 105°
- Double-actions operating type
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness 14mm to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11407 F



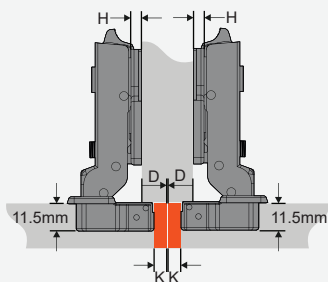
Straight-arm

D	H	K	3	4	5	6	7
0			16	17	18	19	20
3			13	14	15	16	17
4			12	13	14	15	16
5			11	12	13	14	15

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11407 H



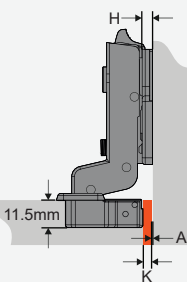
Half-cranked

D	H	K	3	4	5	6	7
0			7	8	9	10	11
3			4	5	6	7	8
4			3	4	5	6	7
5			2	3	4	5	6

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11407 I



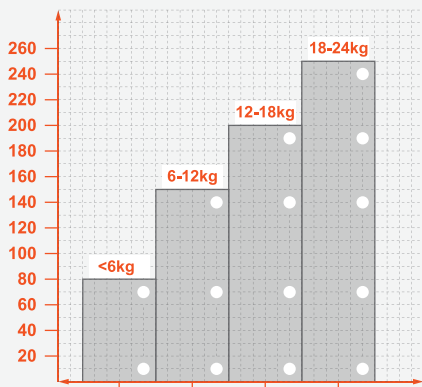
Full-cranked

A	H	K	3	4	5	6	7
0			3	2	1		
3			6	5	4	3	2
4			7	6	5	4	3
5			8	7	6	5	4

Abbreviations

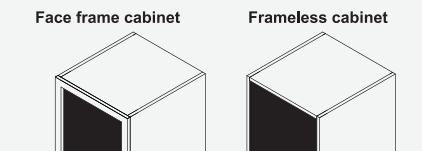
H	mounting plate height
K	cup boring distance
A	reveal

Hinges per door

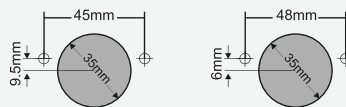


(Door width must not exceed 600 mm)

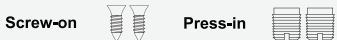
Application



Cup centerpoint dimensions



Available mounting type



ONE WAY SOFT-CLOSE STANDARD EUROPEAN HINGES

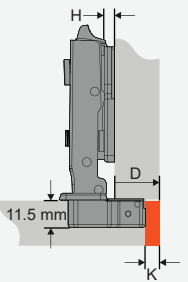
TCH-11300 SERIES



Features

- Open angle 105°
- Single-action operating type
- Soft-close built-in hydraulic damper
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness 14mm to 21mm
- Compatible with existing mounting plates
- Finish: Nickel-plated

TCH-11307 F



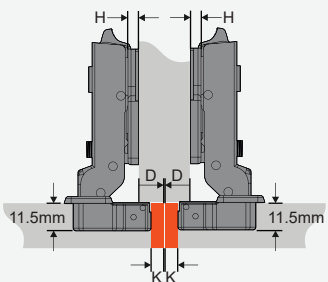
Straight-arm

D	H	K	3	4	5	6	7
0			16	17	18	19	20
3			13	14	15	16	17
4			12	13	14	15	16
5			11	12	13	14	15

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11307 H



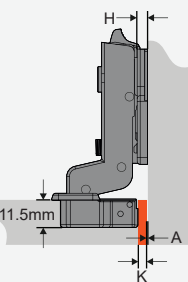
Half-cranked

D	H	K	3	4	5	6	7
0			7	8	9	10	11
3			4	5	6	7	8
4			3	4	5	6	7
5			2	3	4	5	6

Abbreviations

H	mounting plate height
K	cup boring distance
D	door overlay

TCH-11307 I



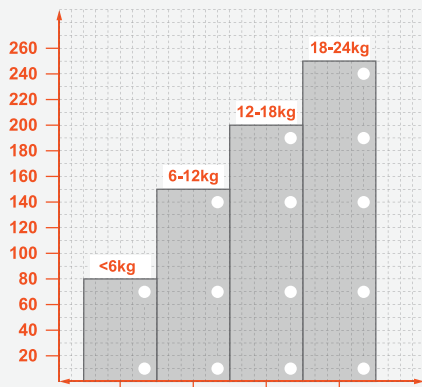
Full-cranked

A	H	K	3	4	5	6	7
0			3	2	1		
3			6	5	4	3	2
4			7	6	5	4	3
5			8	7	6	5	4

Abbreviations

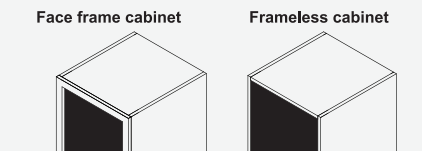
H	mounting plate height
K	cup boring distance
A	reveal

Hinges per door

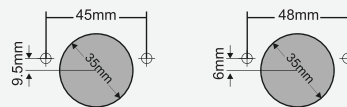


(Door width must not exceed 600 mm)

Application



Cup centerpoint dimensions



Available mounting type





T-X SOFT-CLOSE STANDARD APPLICATION ALUMINUM FRAME HINGE

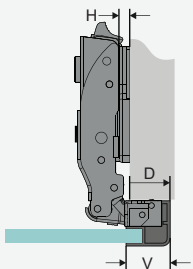
TCH-11400 SERIES



Features

- Opening angle 105°
- Controlled adjustment with gap stability
- Opening angle restrictor integrated into the hinge link
- Soft-close built-in hydraulic damper
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

TCH-11400 T-X F.28



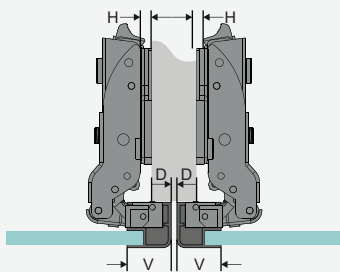
Straight-arm

D	H	V	19	20	21	22
0			17	18	19	20
3			14	15	16	17
4			13	14	15	16
5			12	13	14	15

Abbreviations

H	mounting plate height
V	cup boring distance
D	door overlay

TCH-11400 T-X H.28



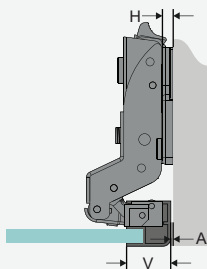
Half-cranked

D	H	V	19	20	21	22
0			7.9	8.9	9.9	10.9
3			4.9	5.9	6.9	7.9
4			3.9	4.9	5.9	6.9
5			2.9	3.9	4.9	5.9

Abbreviations

H	mounting plate height
V	cup boring distance
D	door overlay

TCH-11400 T-X I.28



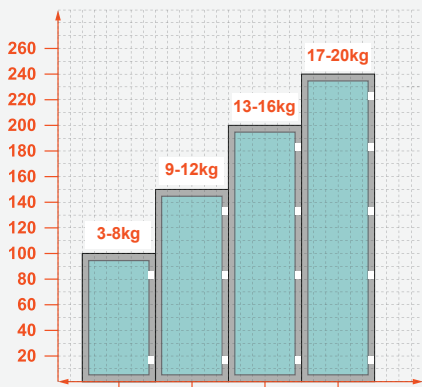
Full-cranked

A	H	V	19	20	21	22
0			1.6	0.6		
3			4.6	3.6	2.6	1.6
4			5.6	4.6	3.6	2.6
5			6.6	5.6	4.6	3.6

Abbreviations

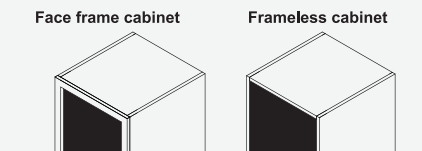
H	mounting plate height
V	cup boring distance
A	reveal

• Hinges per door

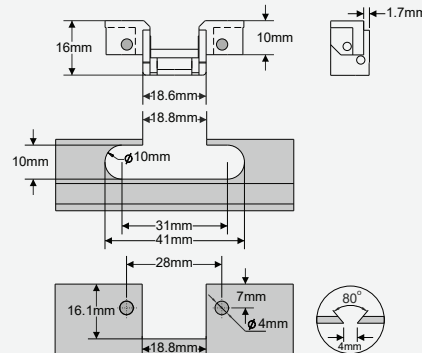


(Door width must not exceed 600 mm)

• Application



• Cup centerpoint dimensions



T-X-T PUSH-OPEN STANDARD APPLICATION ALUMINUM FRAME HINGE

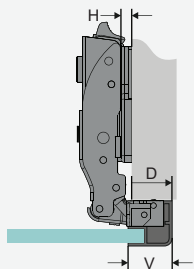
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Opening angle restrictor for integrated into the hinge link
- Built-in hydraulic cylinder for smooth soft opening
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

TCH-11400 T-XT F.28



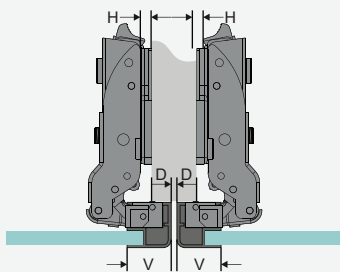
Straight-arm

D	H	V	19	20	21	22
0			17	18	19	20
3			14	15	16	17
4			13	14	15	16
5			12	13	14	15

Abbreviations

H	mounting plate height
V	cup boring distance
D	door overlay

TCH-11400 T-XT H.28



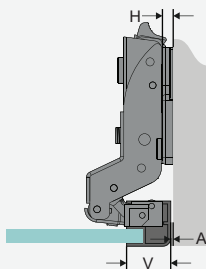
Half-cranked

D	H	V	19	20	21	22
0			7.9	8.9	9.9	10.9
3			4.9	5.9	6.9	7.9
4			3.9	4.9	5.9	6.9
5			2.9	3.9	4.9	5.9

Abbreviations

H	mounting plate height
V	cup boring distance
D	door overlay

TCH-11400 T-XT I.28



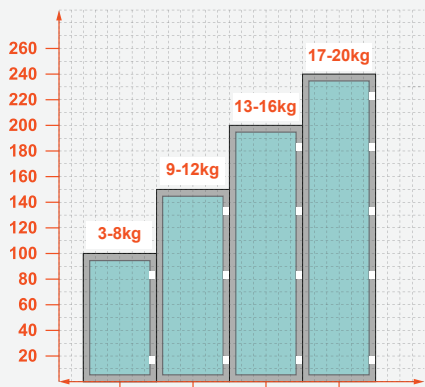
Full-cranked

A	H	V	19	20	21	22
0			1.6	0.6		
3			4.6	3.6	2.6	1.6
4			5.6	4.6	3.6	2.6
5			6.6	5.6	4.6	3.6

Abbreviations

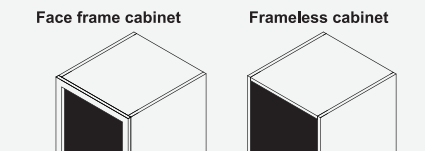
H	mounting plate height
V	cup boring distance
A	reveal

• Hinges per door

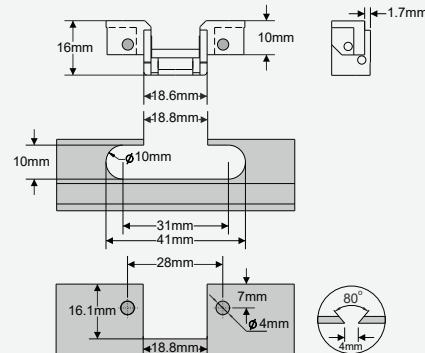


(Door width must not exceed 600 mm)

• Application



• Cup centerpoint dimensions





SOFT-CLOSE INSET BLIND CORNER
ALUMINUM FRAME HINGE

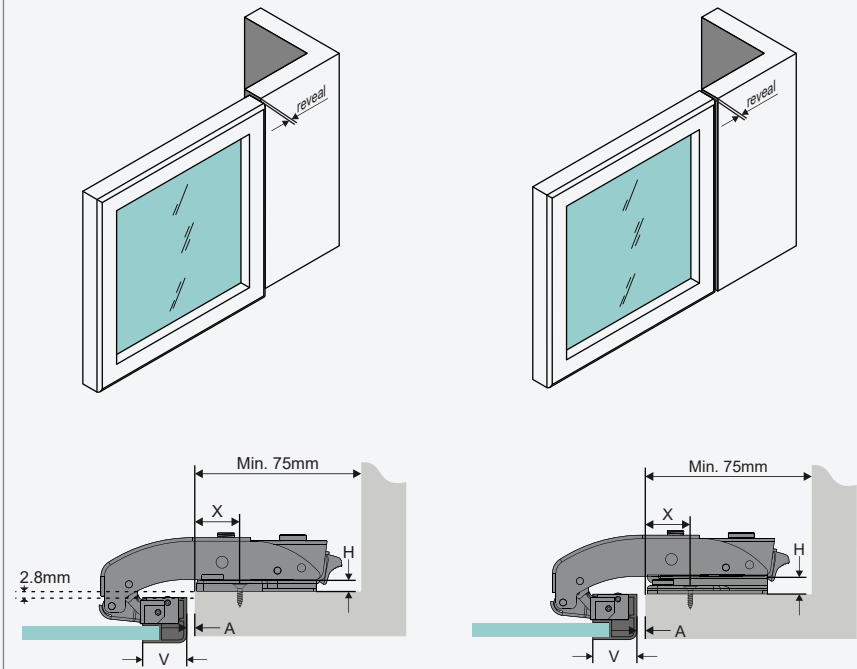
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

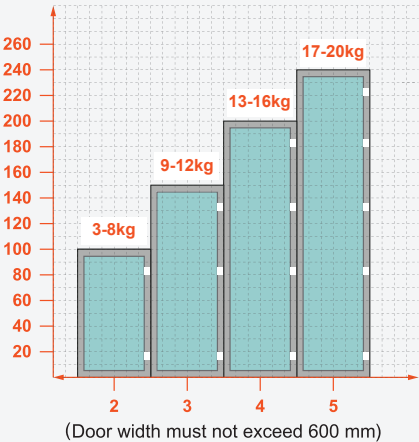
TCH-11400 090 I.28



Reveal					
X \ V	19	20	21	22	
21.5	4.1	3.1	2.1	1.1	
22.5	3.1	2.1	1.1		
23.5	2.1	1.1			

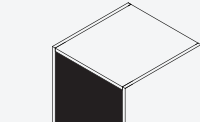
Abbreviations	
H	mounting plate height
V	aluminum frame width
A	reveal

Hinges per door

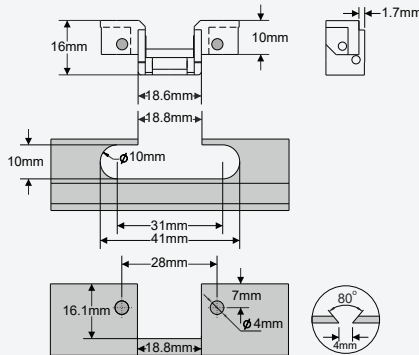


Application

Frameless cabinet



Cup centerpoint dimensions



SOFT-CLOSE OVERLAY BLIND CORNER
ALUMINUM FRAME HINGE

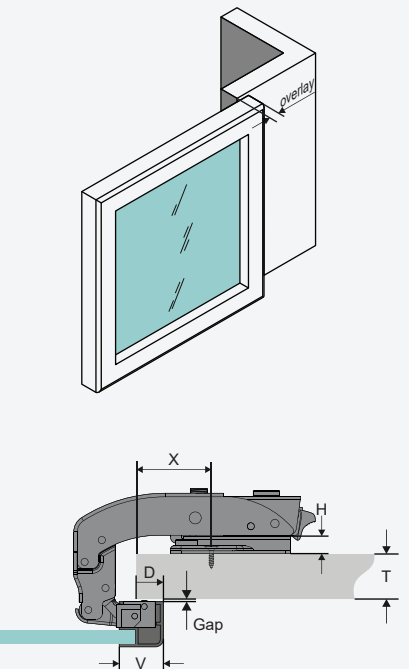
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

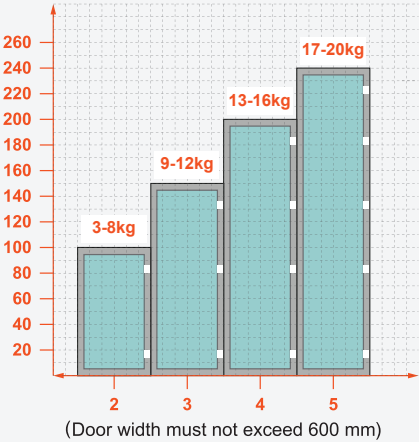
TCH-11400 090 F.28



Overlay					
X \ V	19	20	21	22	
27	0.7	1.7	2.7	3.7	
32	5.7	6.7	7.7	8.7	
37	12.7	13.7	14.7	15.7	

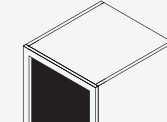
Abbreviations	
H	mounting plate height
V	aluminum frame width
D	door overlay
T	door thickness

Hinges per door

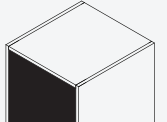


Application

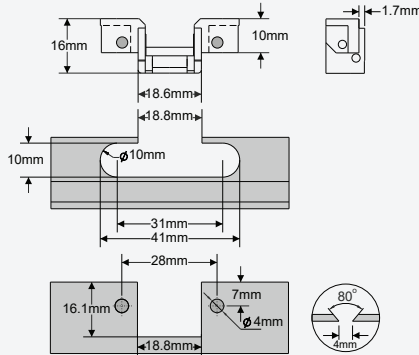
Face frame cabinet



Frameless cabinet



Cup centerpoint dimensions





SOFT-CLOSE +45°II HALF OVERLAY ANGLED
APPLICATION ALUMINUM FRAME HINGE

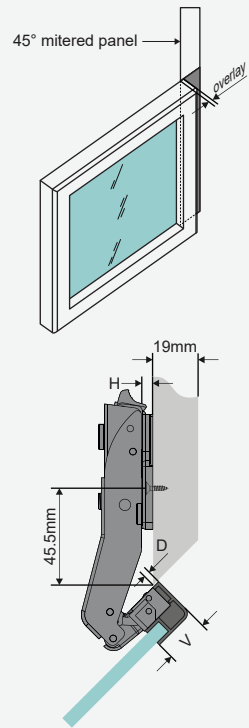
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

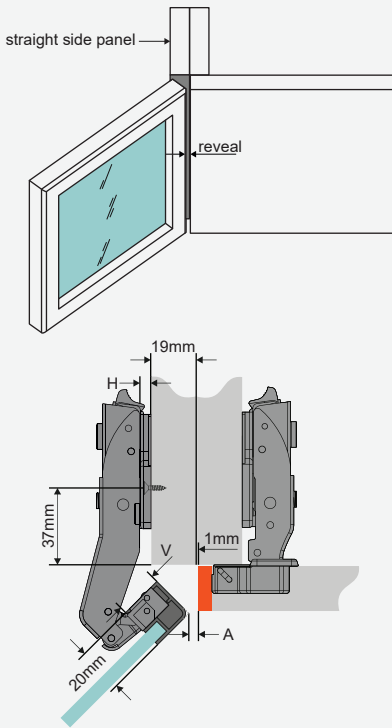
TCH-11400 045 II.28



D					
H \ V	19	20	21	22	
0	2.4	3.4	4.4	5.4	

Abbreviations					
H	mounting plate height				
V	aluminum frame width				
D	door overlay				

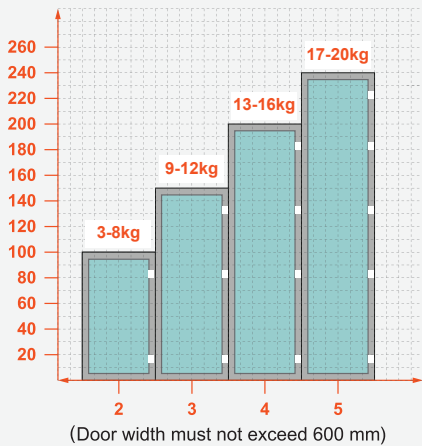
TCH-11400 045 II.28



R					
H \ V	19	20	21	22	
0	3.7	3.0	2.3	1.6	

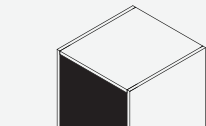
Abbreviations					
H	mounting plate height				
V	aluminum frame width				
A	reveal				

• Hinges per door

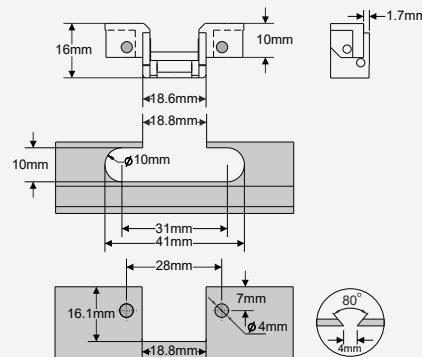


• Application

Frameless cabinet



• Cup centerpoint dimensions



SOFT-CLOSE +45°I ANGLED OVERLAY APPLICATION
ALUMINUM FRAME HINGE

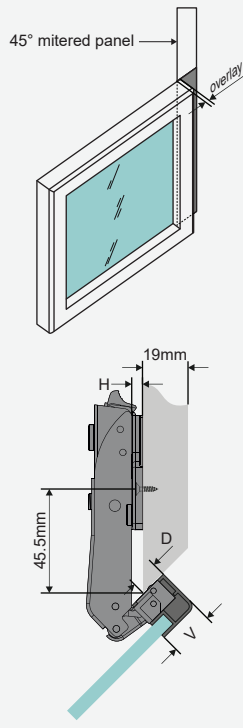
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

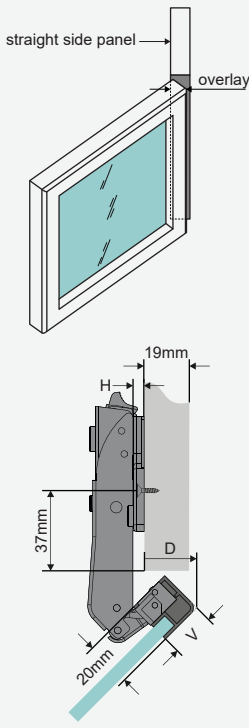
TCH-11400 045 I.28



D					
H \ V	19	20	21	22	
0	9.5	10.5	11.5	12.5	

Abbreviations					
H	mounting plate height				
V	cup boring distance				
D	door overlay				

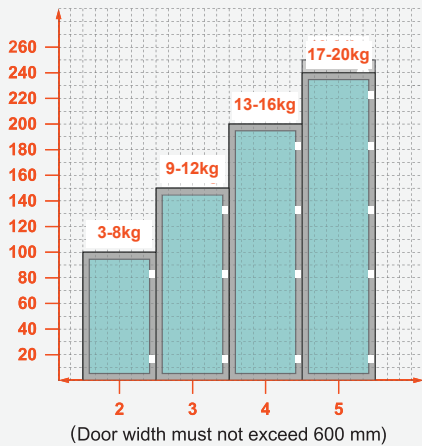
TCH-11400 045 I.28



D					
H \ V	19	20	21	22	
3	19.7	20.4	21.1	21.8	

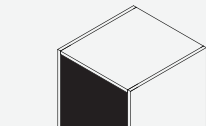
Abbreviations					
H	mounting plate height				
V	cup boring distance				
D	door overlay				

• Hinges per door

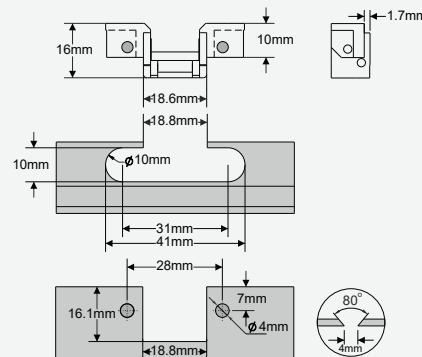


• Application

Frameless cabinet



• Cup centerpoint dimensions





SOFT-CLOSE +30° ANGLED APPLICATION ALUMINUM FRAME HINGE

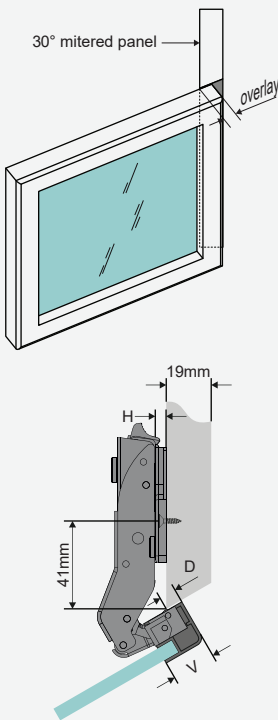
TCH-11400 SERIES



Features

- Open angle 105°
- Controlled adjustment with gap stability
- Soft-close built-in hydraulic damper
- Drilling dimension of hinge head 28mm
- Range of frame width 19mm to 22mm
- Compatible with existing mounting plates
- Nickel plated

TCH-11400 030.28

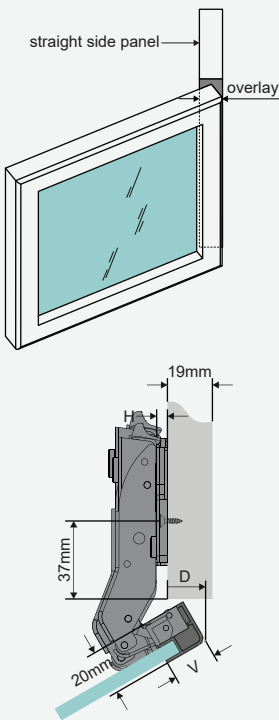


D	V	19	20	21	22	
H						
0		7	8	9	10	

Abbreviations

H	mounting plate height
V	cup boring distance
D	door overlay

TCH-11400 030.28

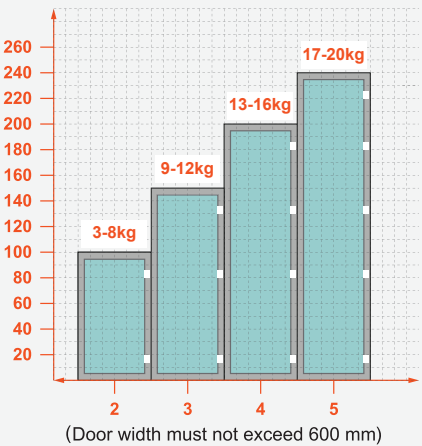


D	V	19	20	21	22	
H						
0		16.4	17.3	18.2	19	

Abbreviations

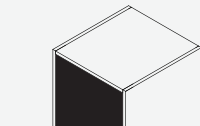
H	mounting plate height
V	cup boring distance
D	door overlay

Hinges per door

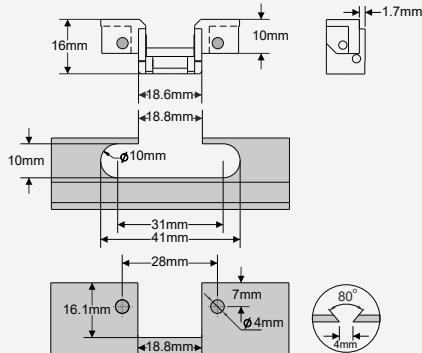


Application

Frameless cabinet



Cup centerpoint dimensions



T-X Black Hinges for Aluminium Cabinet Doors

TCH-11400 T-X F GM



TCH-11400 T-X H GM



TCH-11400 T-X I GM



TCH-11400 T-X T F GM



TCH-11400 T-X T H GM



TCH-11400 T-X T I GM



TCH-11400 090 I GM



TCH-11400 090 F GM



TCH-11400 045 II GM



TCH-11400 045 I GM



TCH-11400 030 GM





TCH-11400 MOUNTING PLATES

Height	SKU number
0 mm	TCH-11400 37.H0.D02
3 mm	TCH-11400 37.H3.D02
4 mm	TCH-11400 37.H4.D02

- Steel, nickel-plated
- Frameless applications
- Cam height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0.D03
3 mm	TCH-11400 37.H3.D03
4 mm	TCH-11400 37.H4.D03

- Steel, nickel-plated
- Frameless applications
- Cam height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0.D02.E

- Steel, nickel-plated
- Frameless applications
- Cam height adjustment ±2mm
- Secured with pre-mounted Ø5mm Euro screws

Height	SKU number
0 mm	TCH-11400 37.H0.DF02
3 mm	TCH-11400 37.H3.DF02
5 mm	TCH-11400 37.H5.DF02

- Steel, nickel-plated
- Face-frame applications
- Cam height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0.D02 GM
3 mm	TCH-11400 37.H3.D02 GM
4 mm	TCH-11400 37.H4.D02 GM

- Steel, GM nickel-plated
- Frameless applications
- Cam height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0.D03 GM
3 mm	TCH-11400 37.H3.D03 GM
4 mm	TCH-11400 37.H4.D03 GM

- Steel, GM nickel-plated
- Frameless applications
- Cam height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0
3 mm	TCH 11400 10.H3

- Steel, nickel-plated
- Face-frame applications
- Slot height adjustment ±2mm
- Secured with #8 x 5/8" wood screws



TCH-11400 MOUNTING PLATES

Height	SKU number
0 mm	TCH-11400 37.H0.B02

- Steel, nickel-plated
- Frameless applications
- Slot height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0.B02.E

- Steel, nickel-plated
- Frameless applications
- Slot height adjustment ±2mm
- Secured with pre-mounted Ø5mm Euro screws

Height	SKU number
0 mm	TCH-11400 10.H0.F02
3 mm	TCH-11400 10.H3.F02
5 mm	TCH-11400 10.H5.F02

- Steel, nickel-plated
- Face-frame applications
- Slot height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

Height	SKU number
0 mm	TCH-11400 37.H0.B04

- Steel, nickel-plated
- Frameless applications
- Slot height adjustment ±2mm
- Secured with #8 x 5/8" wood screws

TWO WAY SELF-CLOSE STANDARD EUROPEAN HINGES

TCH-11200 SERIES

Features

- Open angle 105°
- Double-actions operating type
- Diameter of hinge cup 35mm
- Boring distance range 3mm to 7mm
- Height of hinge cup 11.5mm
- For door thickness 14mm to 21mm
- Compatible with 11200 mounting plates
- Finish: Nickel-plated

TCH-11206 F

Straight-arm

D	H	K	3	4	5	6	7
0			16	17	18	19	20
3			13	14	15	16	17
4			12	13	14	15	16
5			11	12	13	14	15

Abbreviations

H

mounting plate height

K

cup boring distance

D

door overlay

TCH-11206 H

Half-cranked

D	H	K	3	4	5	6	7
0			7	8	9	10	11
3			4	5	6	7	8
4			3	4	5	6	7
5			2	3	4	5	6

Abbreviations

H

mounting plate height

K

cup boring distance

D

door overlay

TCH-11206 I

Full-cranked

A	H	K	3	4	5	6	7
0			3	2	1		
3			6	5	4	3	2
4			7	6	5	4	3
5			8	7	6	5	4

Abbreviations

H

mounting plate height

K

cup boring distance

A

reveal

Hinges per door

Application

Face frame cabinet

Frameless cabinet

Cup centerpoint dimensions

Available mounting type

Screw-on

Press-in

TCH-11200 MOUNTING PLATES

Steel, nickel-plated

Frameless applications

Slot height adjustment ±2mm

Secured with #8 x 5/8" wood screws

Height

0 mm

SKU number

TCH-11200 37.H0.B02

Steel, nickel-plated

Frameless applications

Slot height adjustment ±2mm

Secured with pre-mounted Ø5mm Euro screws

Height

0 mm

SKU number

TCH-11200 37.H0.B02.E

Steel, nickel-plated

Frameless applications

Slot height adjustment ±2mm

Secured with #8 x 5/8" wood screws

Height

0 mm

SKU number

TCH-11200 37.H0.B04

Steel, nickel-plated

Face-frame applications

Slot height adjustment ±2mm

Secured with #8 x 5/8" wood screws

Height

0 mm

SKU number

TCH-11200 10.H0.F02

Steel, nickel-plated

Face-frame applications

Slot height adjustment ±2mm

Secured with #8 x 5/8" wood screws

Height

3 mm

SKU number

TCH-11200 10.H3.F02

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PUSH LATCH DRILLING JIG

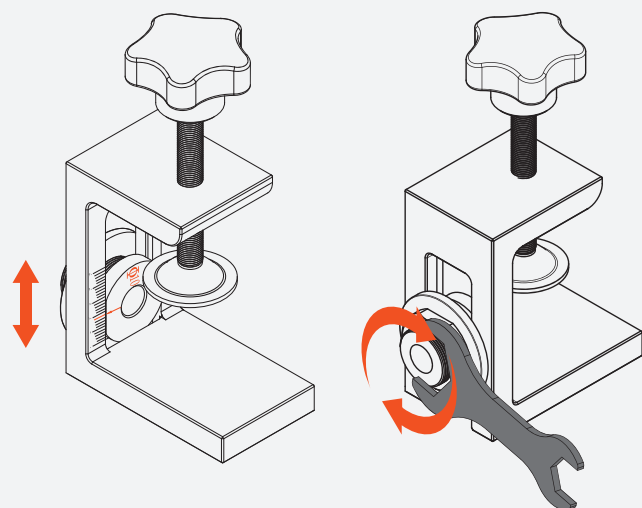
TOU-71001 M10



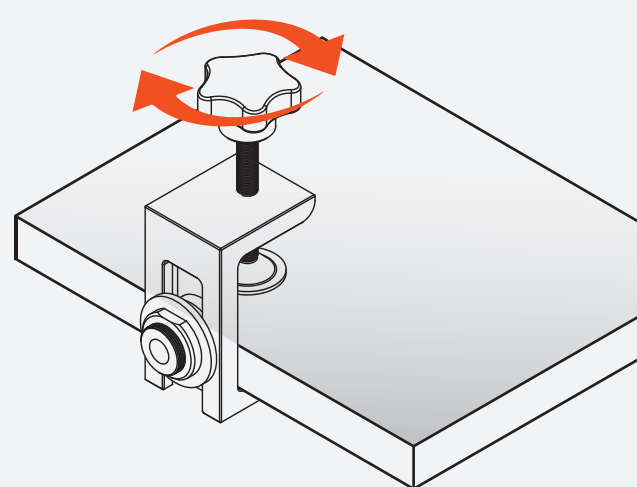
Features

- The bushing drilling guide ensures straight, precise hole drilling.
- Printed reference markings on the jig help users locate the exact drilling positions.
- Compatible with board thicknesses from 16mm up to 48 mm.
- Material: Aluminum and steel construction.
- Includes a 10 mm drill bit and wrench key.

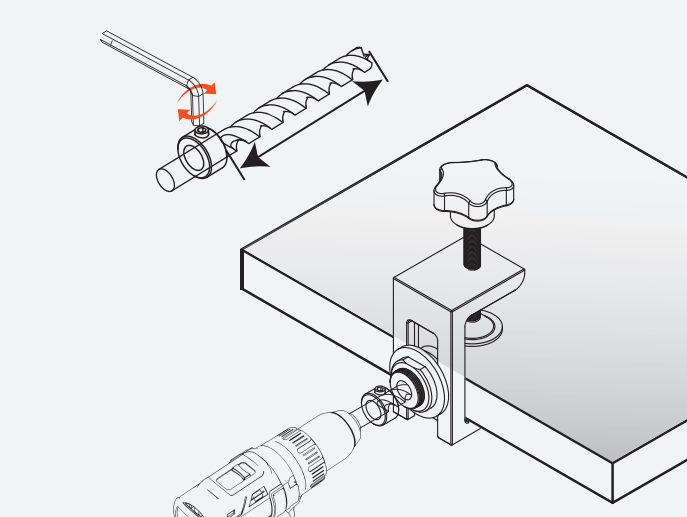
Step 1



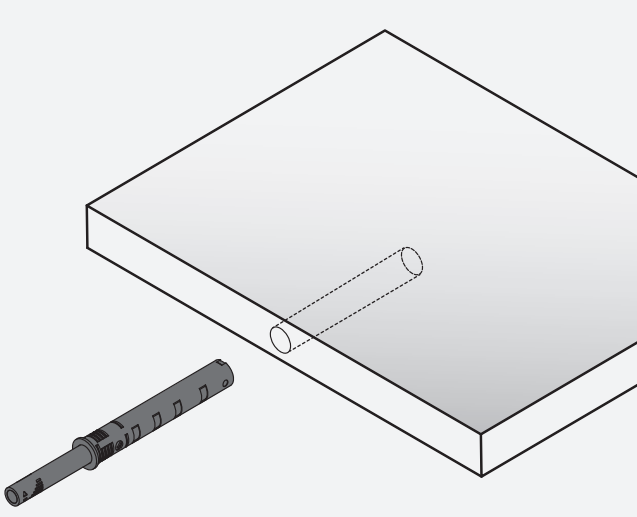
Step 2



Step 3

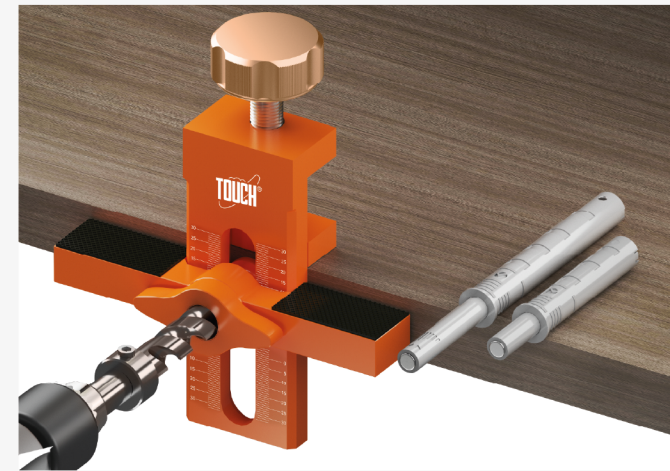


Step 4



PUSH LATCH DRILLING JIG WITH A CONCEALED HINGE POSITIONING TOOL

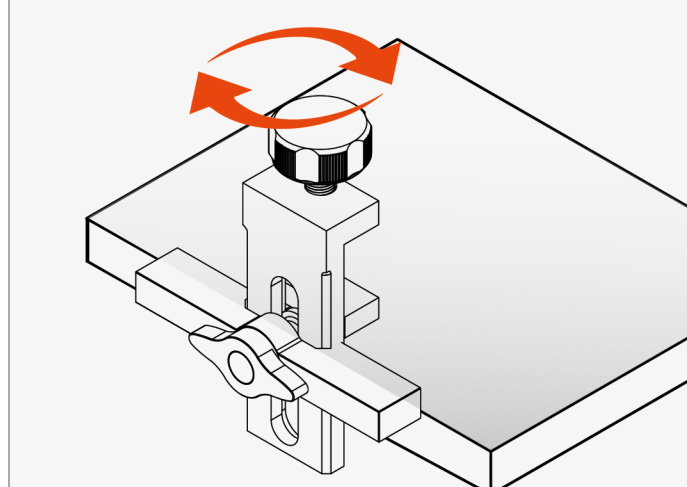
TOU-61002 M6.8.10



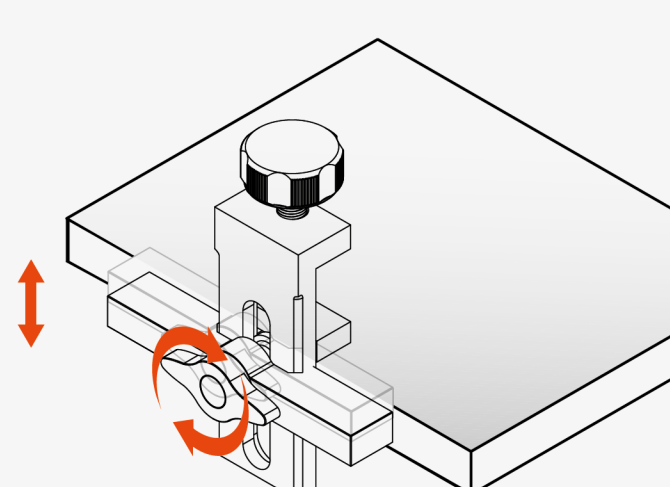
Features

- The bushing drilling guide ensures straight and precise hole drilling.
- Printed reference markings on the jig allow users to easily identify the correct drilling positions.
- Equipped with an integrated concealed hinge positioning tool for precise hinge alignment.
- Compatible with board thicknesses ranging from 16 mm to 38 mm.
- Constructed from durable aluminum and steel.
- Includes 6 mm, 8 mm, and 10 mm drill bits, each with its corresponding bushing guide.

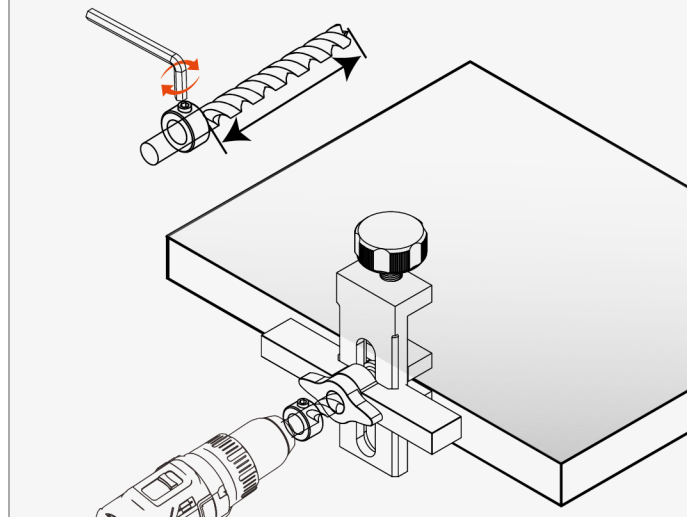
Step 1



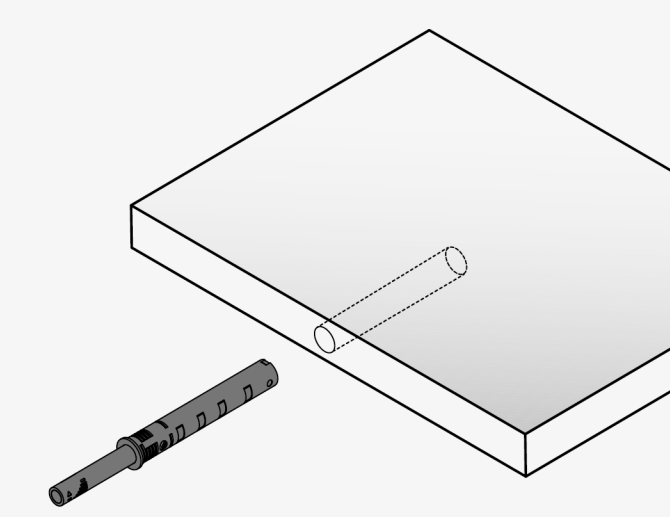
Step 2



Step 3



Step 4

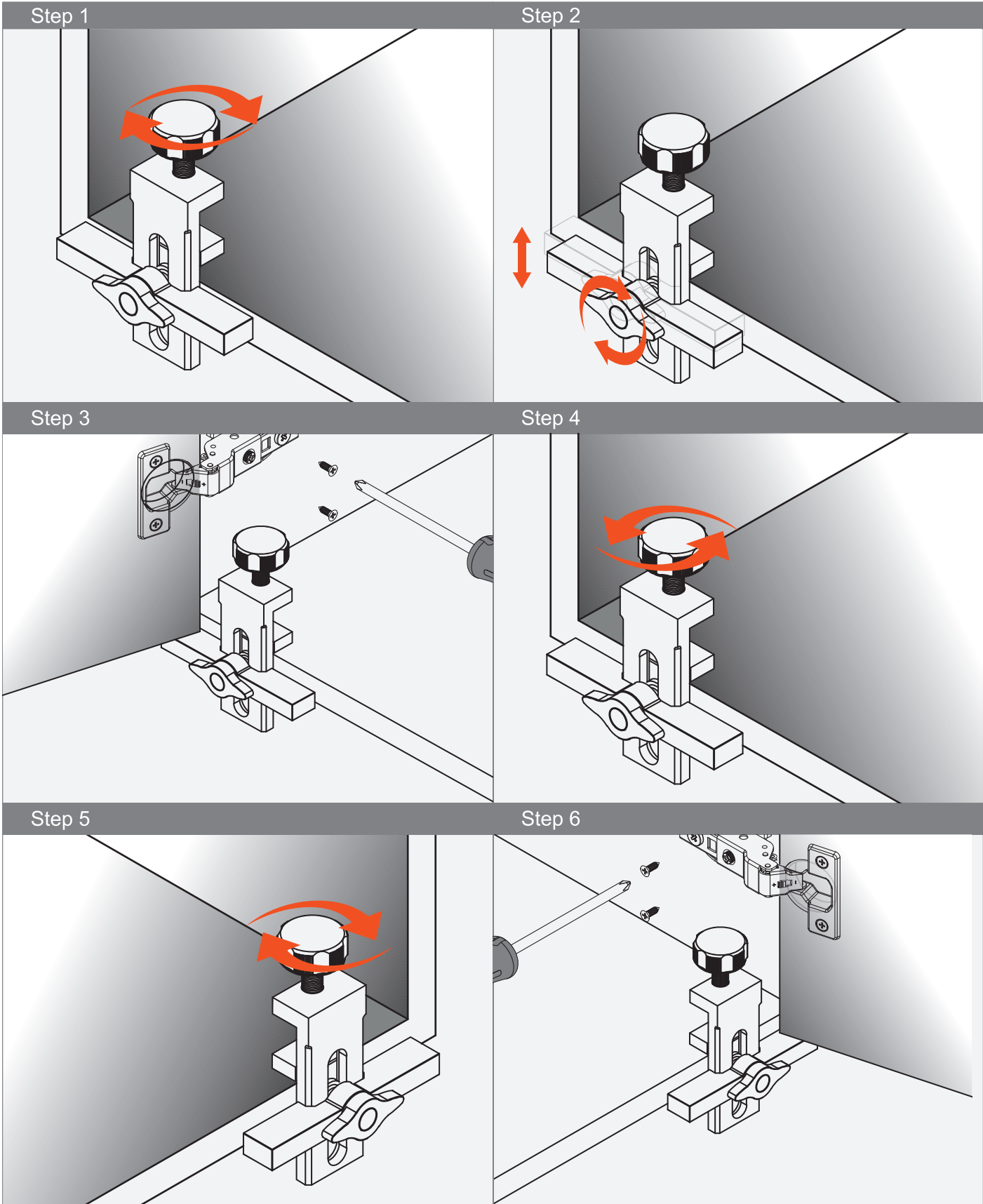




HOW TO USE THE CONCEALED HINGE POSITIONING TOOL



Notes





TOUCH Cabinets Hardware

www.TouchCabinetsHardware.com