

KIMANA



HINGES

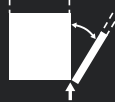


Table of contents

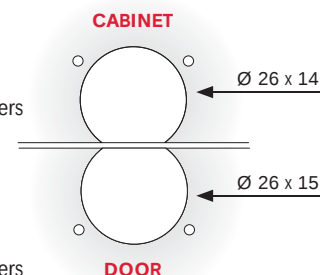


KIMANA

KIMANA standard allows managing different overlay dimensions and accommodating panel thickness of 16 mm thanks to its appropriate adapters.

Min. thk
18* mm

*16 min.
with adapters

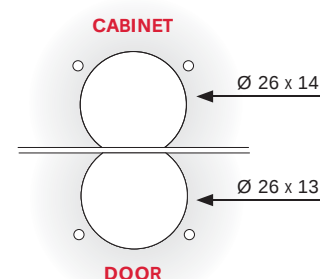


KIMANA SLIM

KIMANA SLIM is mainly suitable for cabinet doors thickness of 16 mm or to install standard cabinet door aluminum profiles.

Min. thk
18* mm

Min. thk
16 mm



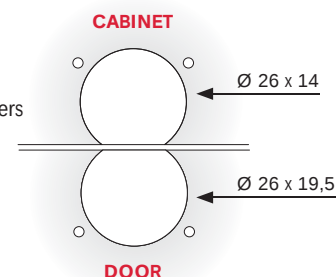
KIMANA PLUS

KIMANA PLUS is mainly suitable for cabinet doors thickness of 25 mm. Using the appropriate adapters is possible to manage different overlay dimensions.

Min. thk
18* mm

*16 min.
with adapters

Min. thk
25 mm



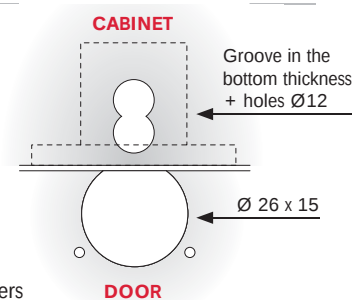
KIMANA FLAT

KIMANA FLAT special feature is the hinge part concealed in the bottom pane.

Min. thk
22 mm

Min. thk
18* mm

*16 min.
with adapters





KIMANA

KIMANA is a flat hinge to open and close flap and drop-down doors. Provided with a unique and exclusive movement, it allows to open cabinet doors in column, even when the cabinet bottom lies upon another panel or the cabinet top is surmounted by a decorative/lighting panel.

The small dimensions (Ø 26mm boring for both the door and the bottom), the minimalistic and elegant design contribute to make KIMANA not only a functional hinge, but also a product unique in its genre.

The fixing screws are perpendicular, thus making KIMANA suitable for perfect positioning, as well as for aluminium profiles. KIMANA can be easily adjusted through the screws (P22) which are hidden underneath the cover.

Various door and cabinet thickness-combinations can be solutioned either by carrying out the adjustments of the KIMANA or by adding adapters under the hinge clip so that the ideal movement and alignment of the door are guaranteed.

Available in three finishes: standard nickel-plated, black-nickel plated and varnished in graphite colour.

For each finish, matching fixing countersunk screws can be provided.

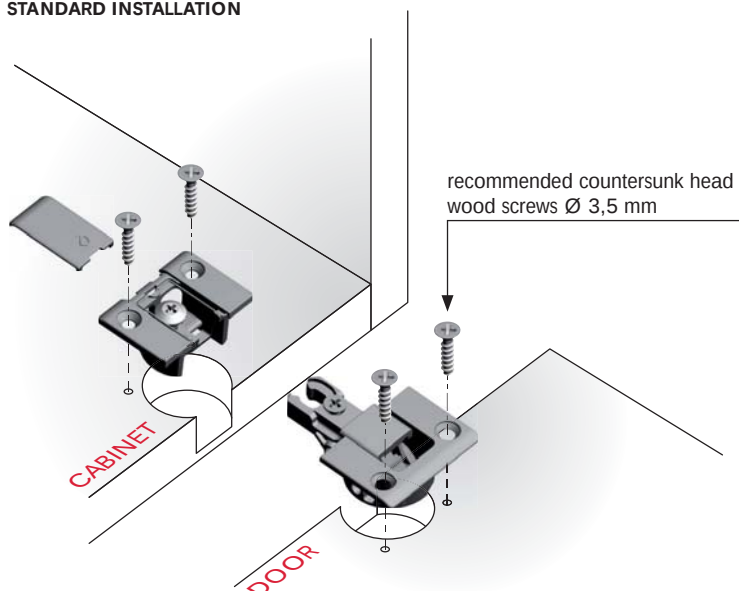


GOOD DESIGN AWARD, 2012

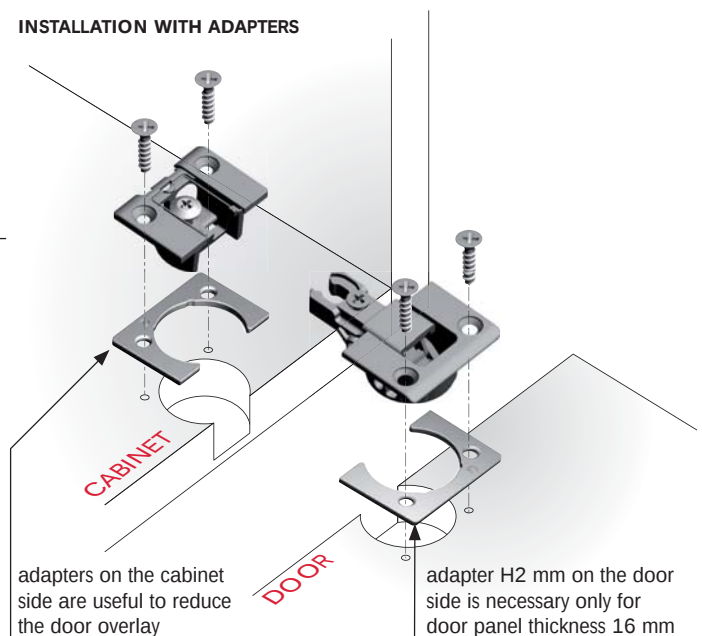
PAT. PENDING
REGISTERED DESIGN
Certificates available on request.



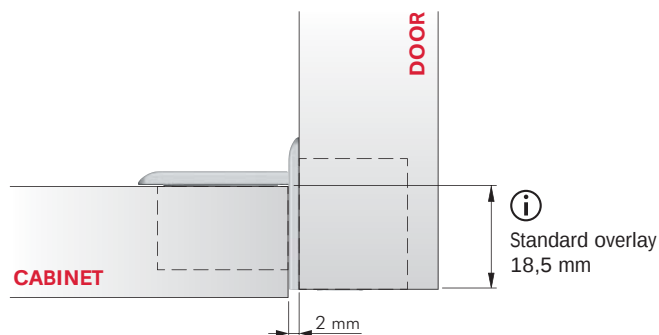
STANDARD INSTALLATION



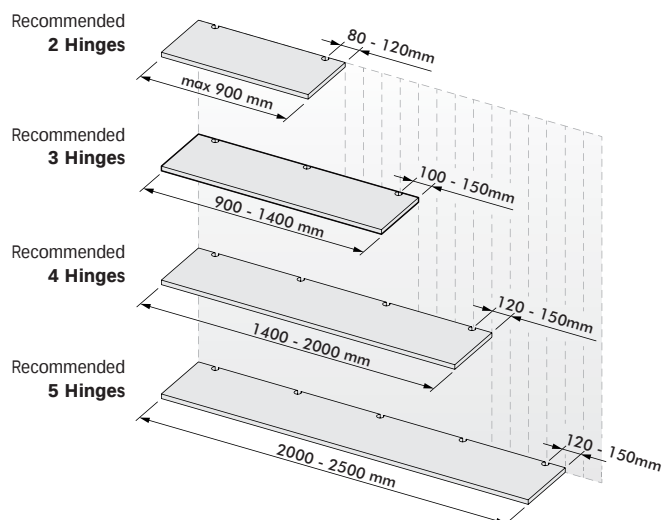
INSTALLATION WITH ADAPTERS



OVERLAY WITH STANDARD INSTALLATION

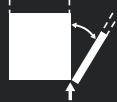


RECOMMENDED NUMBER OF HINGES PER DOOR

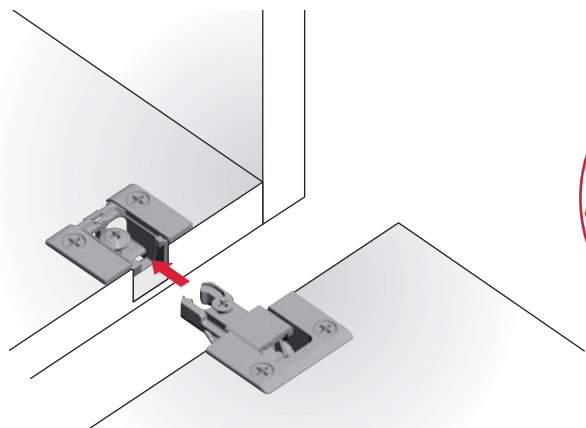


i The overlay value can be reduced by adding bespoke adapters on the cabinet side.

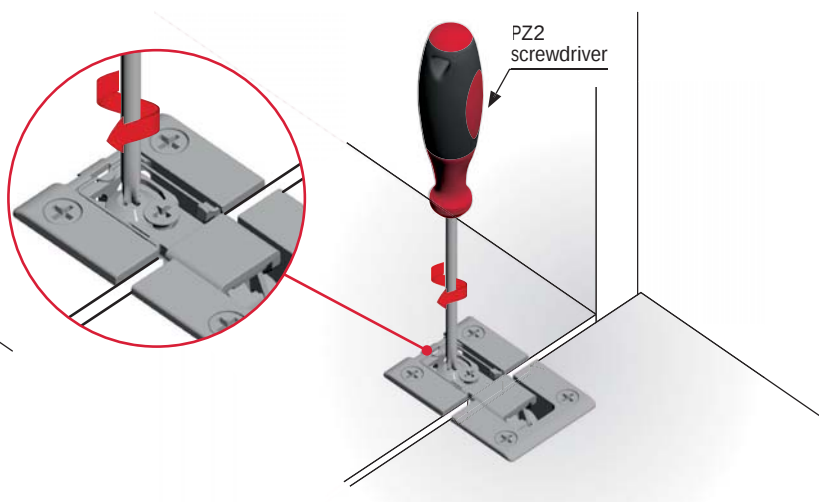
Due to various factors, the quantities stated in the chart are indicative.



DOOR INSTALLATION



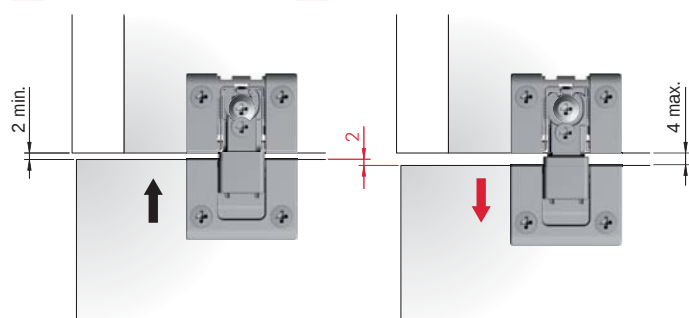
LOCKING SCREW



ADJUSTMENTS AND ASSEMBLING

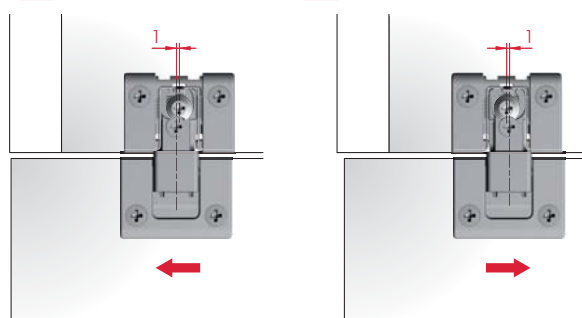
IN-DEPTH ADJUSTMENT +2 mm

⚠ TO BE MADE BEFORE
LOCKING SCREW OPERATION ⚠



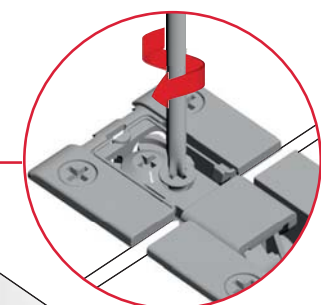
LATERAL ADJUSTMENT ±1 mm

⚠ TO BE MADE BEFORE
LOCKING SCREW OPERATION ⚠



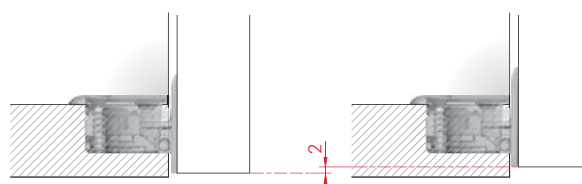
OVERLAY ADJUSTMENT

PZ2
screwdriver

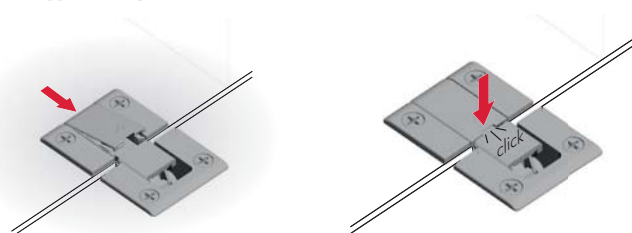


⚠ TO BE MADE BEFORE
LOCKING SCREW OPERATION ⚠

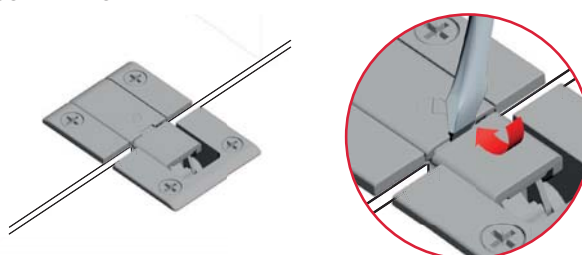
+2 mm max vertical
adjustment

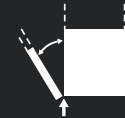


COVER ASSEMBLING

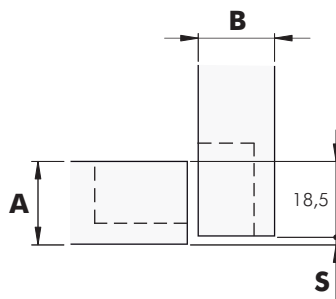
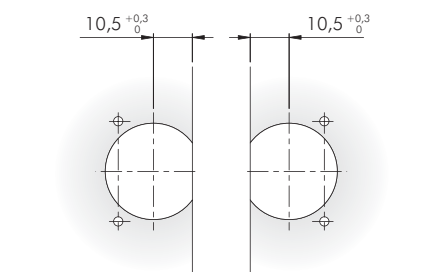


COVER REMOVAL



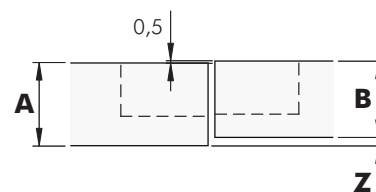


STANDARD CONDITION



$$S = A - 18,5 \text{ mm}$$

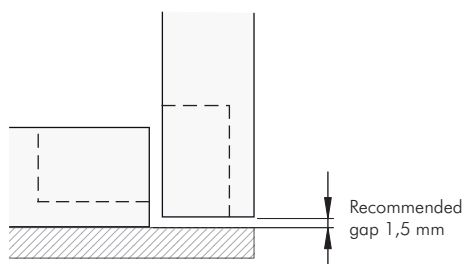
If **S** value is negative, the line of the door goes beyond that of the bottom panel.
Use the adapter to increase **S** dimension.



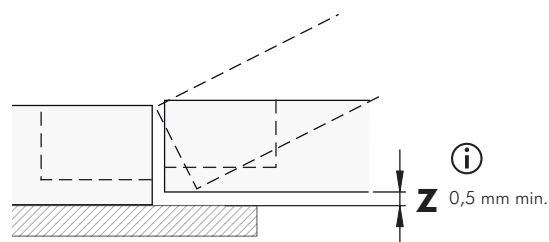
$$Z = (A + 0,5 \text{ mm}) - B$$

If **Z** value is negative, the line of the door goes beyond that of the bottom panel.

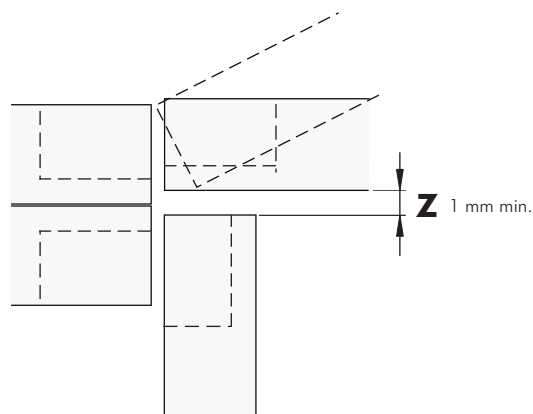
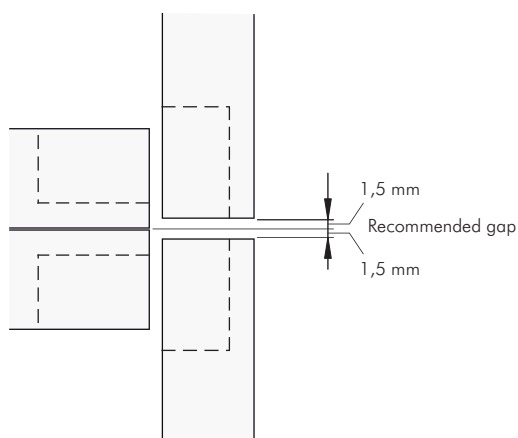
CLOSING CONDITION



OPENING CONDITION

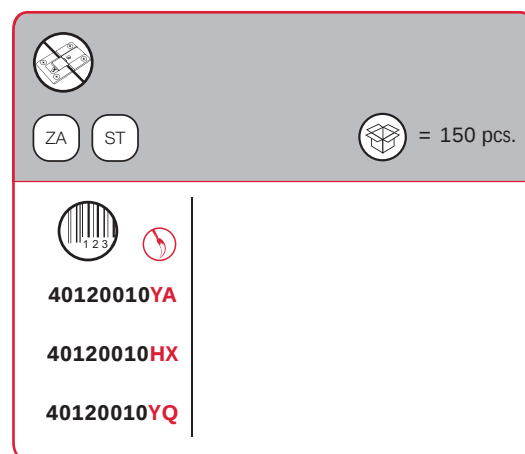
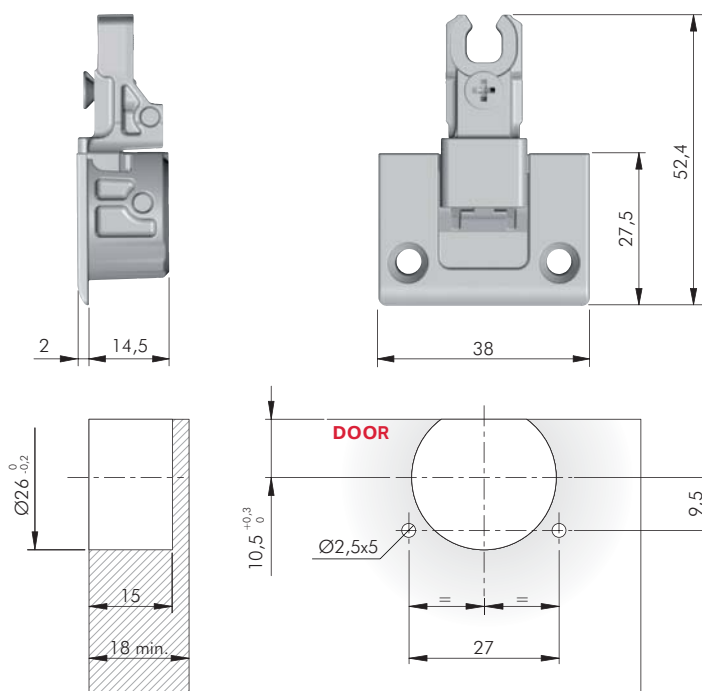
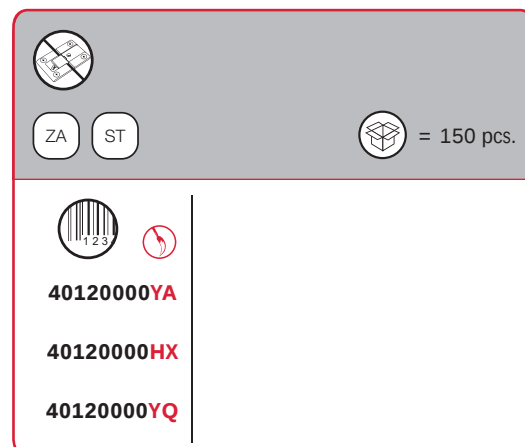
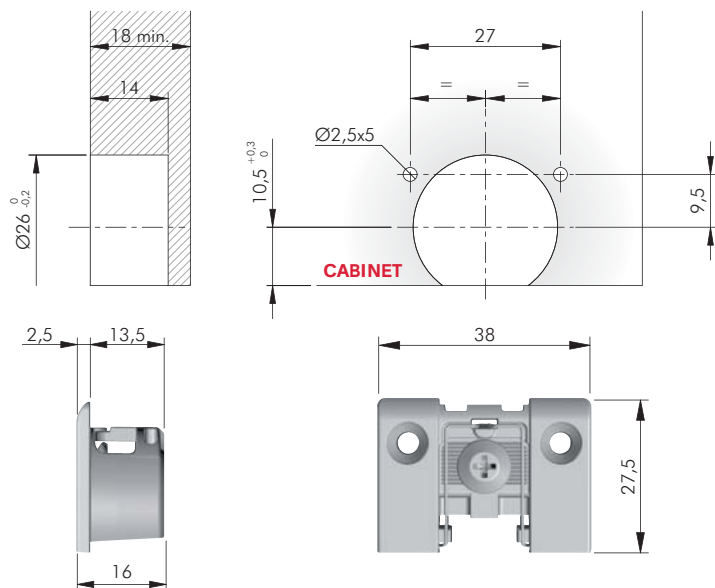


i When the **Z** value in opening condition is 0,5 mm or higher, the door doesn't interfere with platform panel.

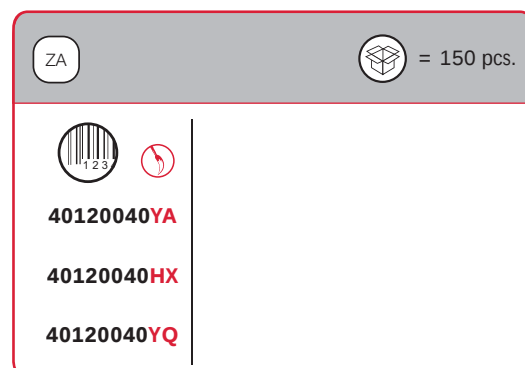
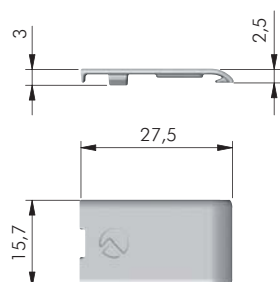


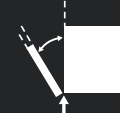


NOTE: For panel thickness lower than 18 mm
we suggest to use adapters.
For application examples see page 11.9.

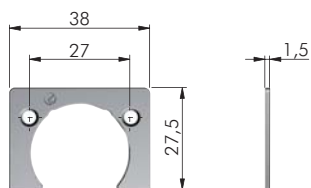


NOTE: For panel thickness lower than 18 mm
we suggest to use adapters.
For application examples see page 11.9.





KIMANA ADAPTERS

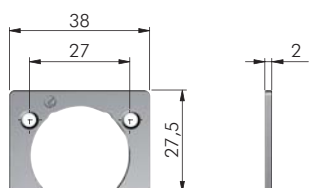


ZA

= 50 pcs.



40115320YA | **YQ**

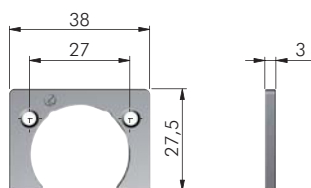


ZA

= 50 pcs.



40115340YA | **HX** | **YQ**

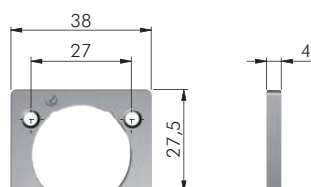


ZA

= 50 pcs.



40115360YA

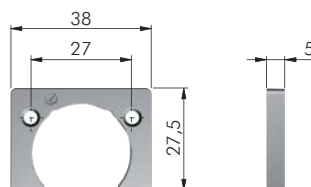


ZA

= 50 pcs.



40115400YA | **HX** | **YQ**

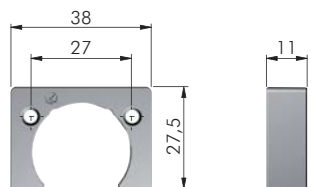


ZA

= 50 pcs.



40115440YA



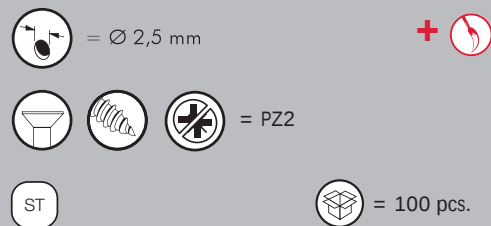
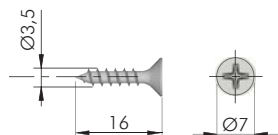
ZA

= 50 pcs.



40115500YA

FIXING ACCESSORY FOR BOTH KIMANA AND ADAPTERS PART NO. 40115320

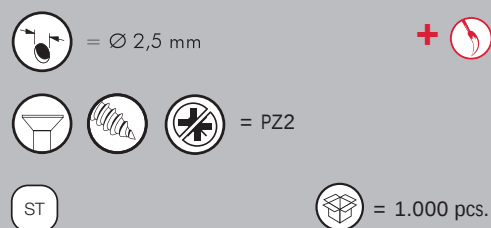
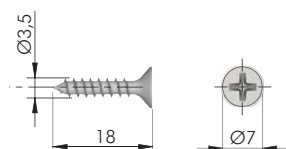


60101390YA

60101390HX

60101390Z9

FIXING ACCESSORY FOR KIMANA ADAPTERS PART NO. 40115340 - 40115360

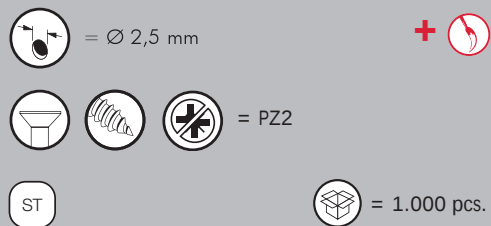
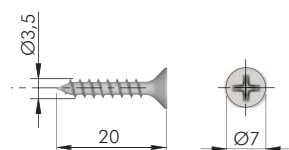


60101400YA

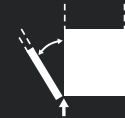
60101400HX

60101400Z9

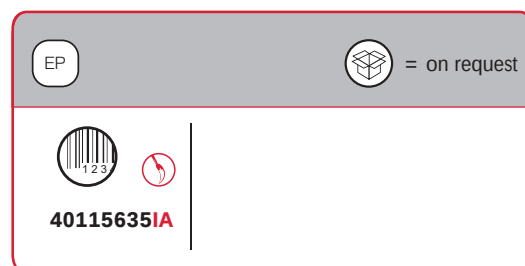
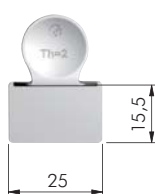
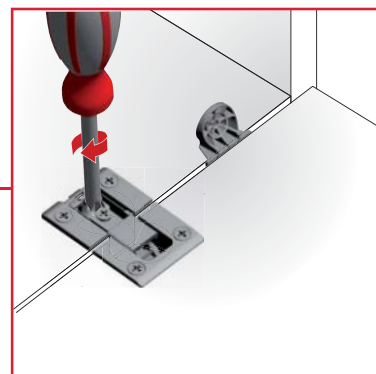
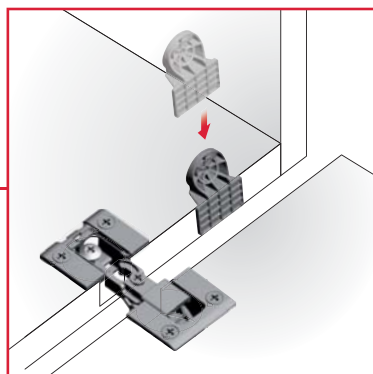
FIXING ACCESSORY FOR KIMANA ADAPTER PART NO. 40115400 - 40115440



60101410YA



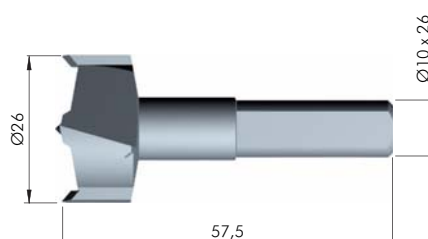
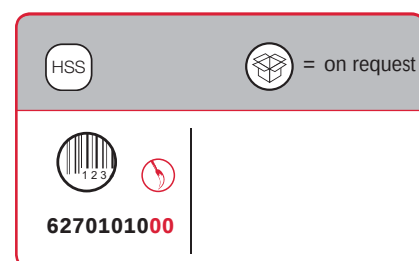
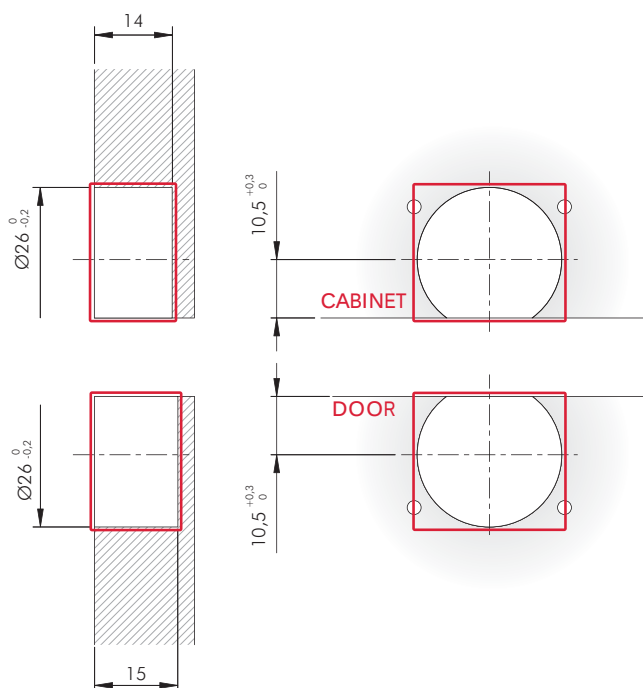
DOOR ALIGNMENT SPACER FOR KIMANA HINGES

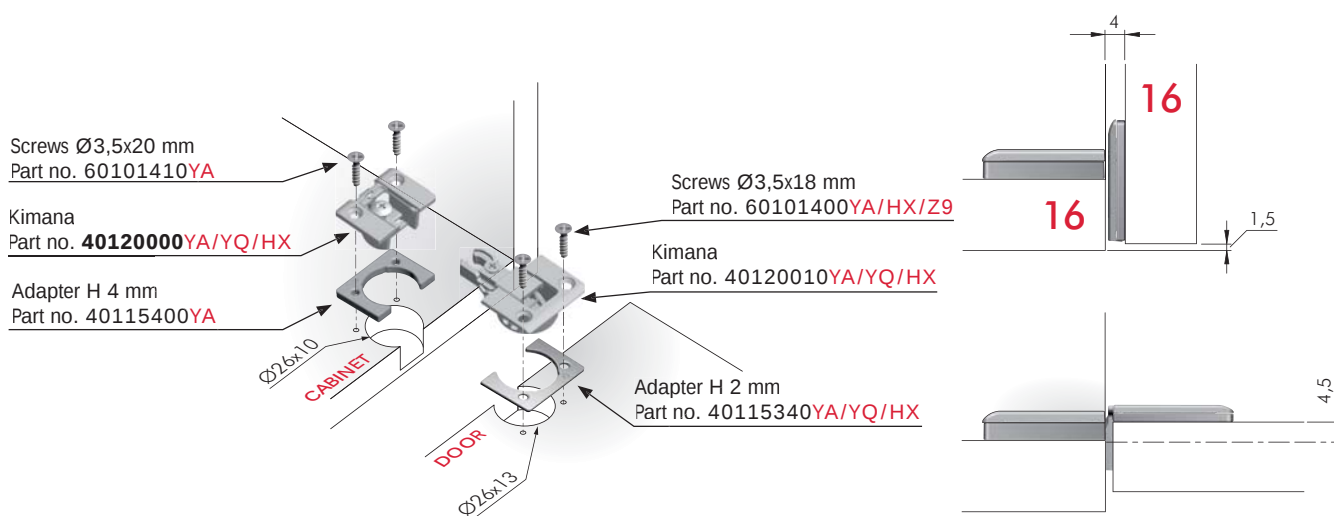
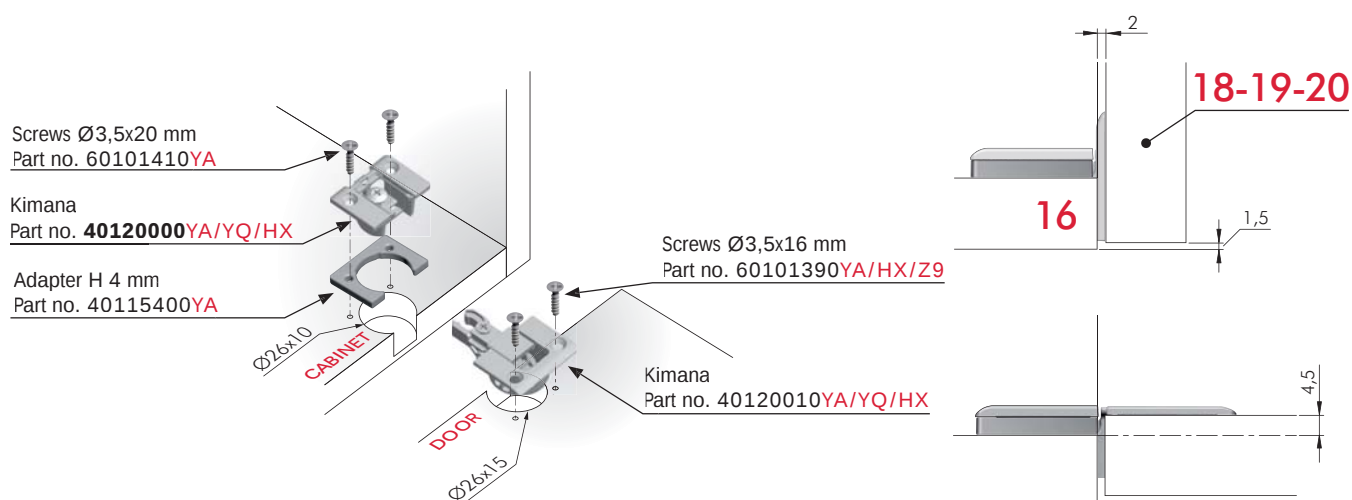
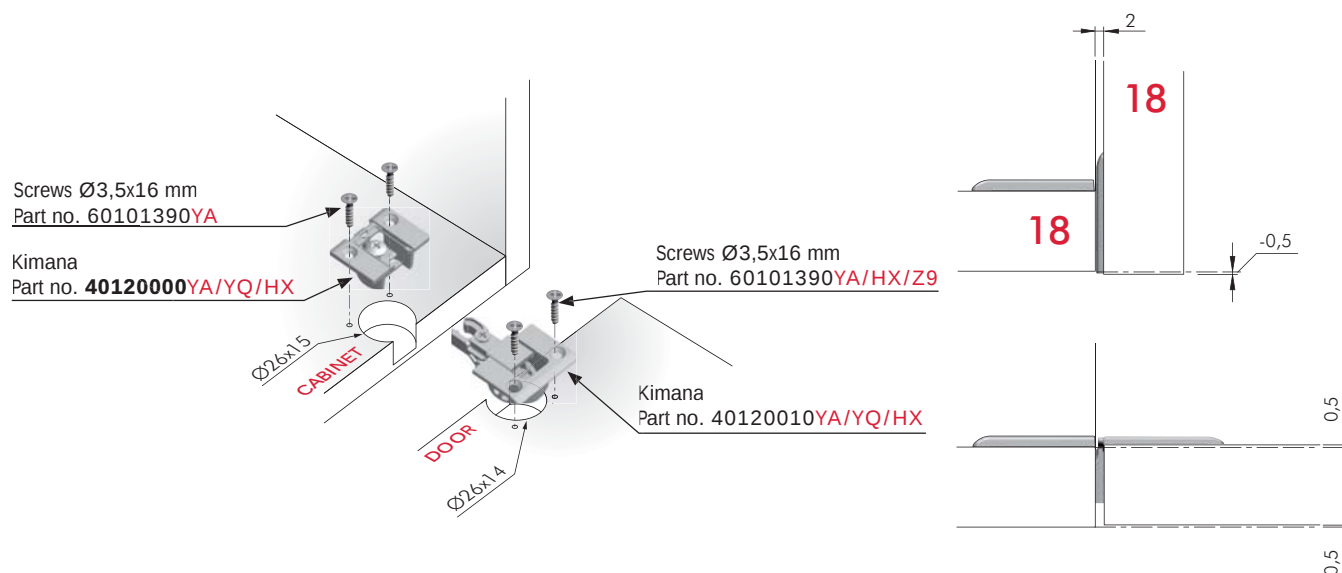


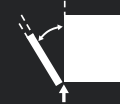
2 pcs featured in each polybag.

* For non-standard drilling plans 1,5, 2,5, 3 and 4 mm spacers are also available.

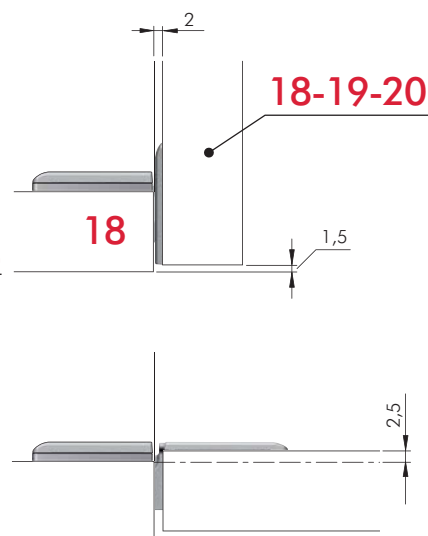
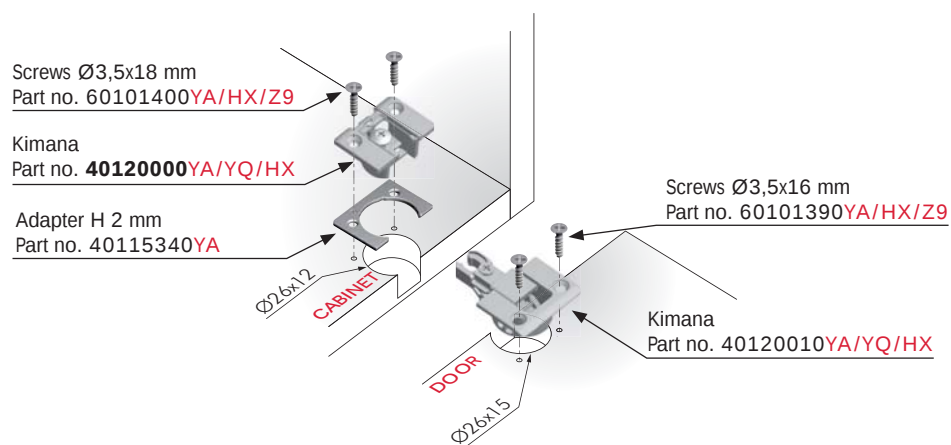
DRILL BIT FOR KIMANA



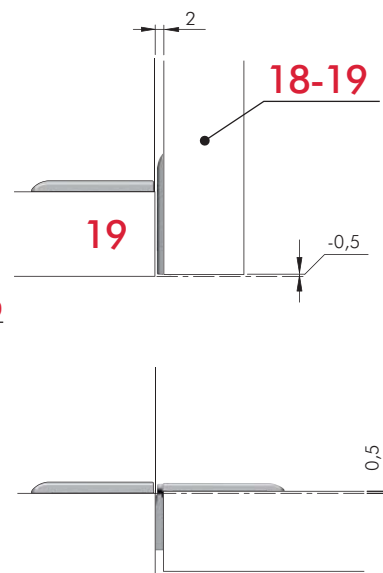
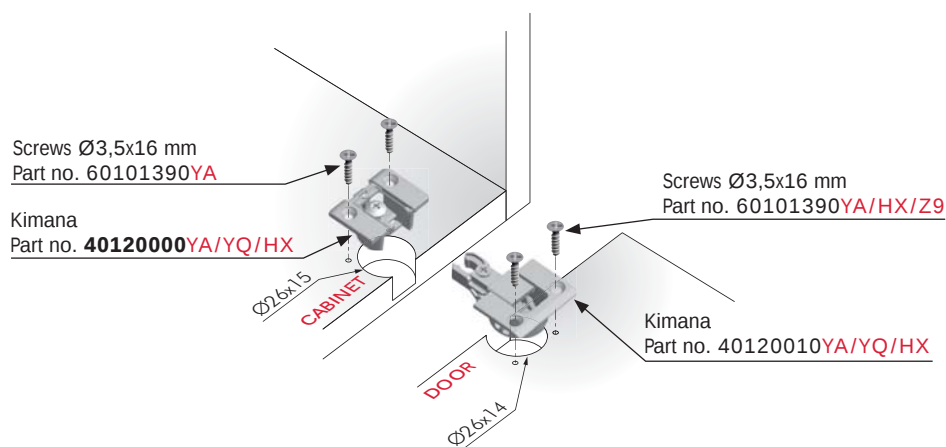
**CABINET 16 mm THICK - DOOR 16 mm THICK****CABINET 16 mm THICK - DOOR 18-19-20 mm THICK****CABINET 18 mm THICK - DOOR 18 mm THICK**



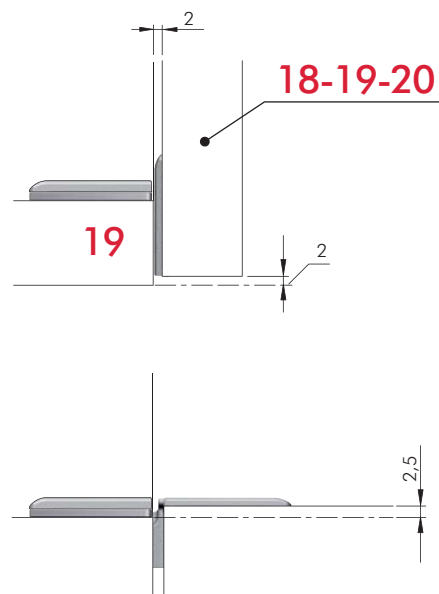
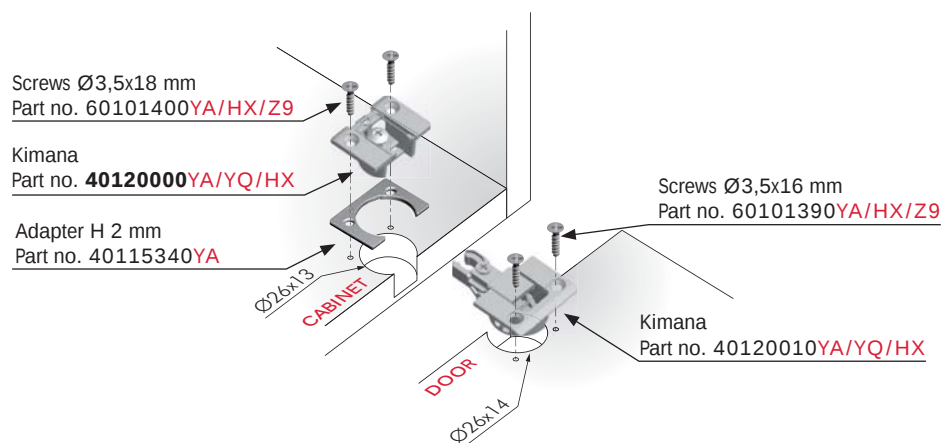
CABINET 18 mm THICK - DOOR 18-19-20 mm THICK

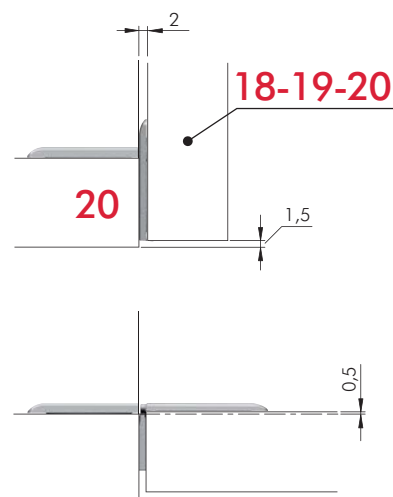
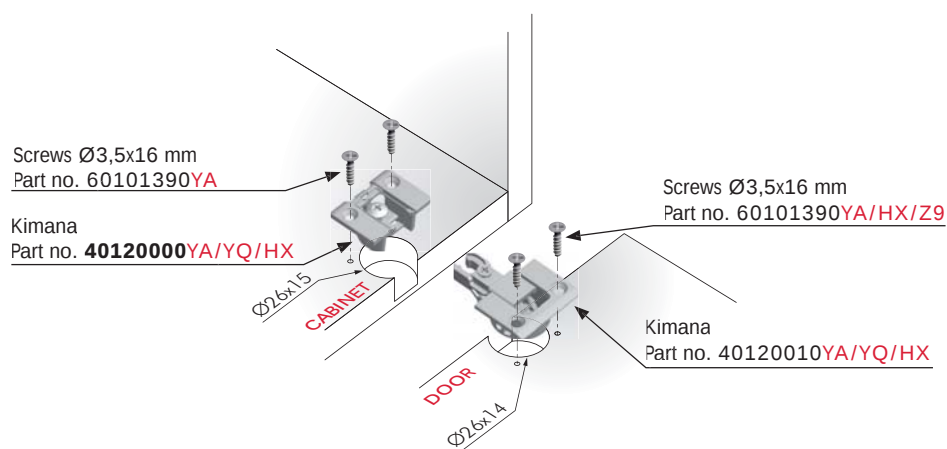


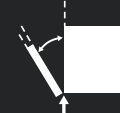
CABINET 19 mm THICK - DOOR 18-19 mm THICK



CABINET 19 mm THICK - DOOR 18-19-20 mm THICK



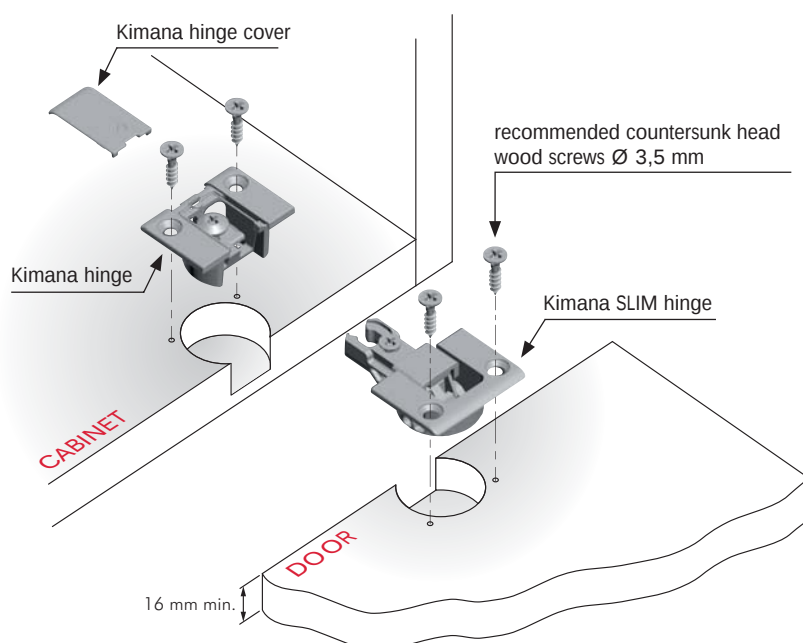
**CABINET 20 mm THICK - DOOR 18-19-20 mm THICK**



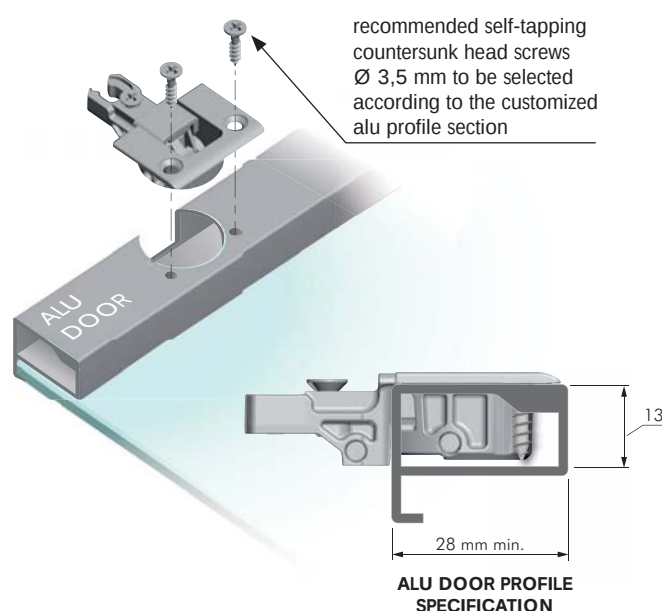
KIMANA SLIM (Suitable mainly for door thickness 16 mm)



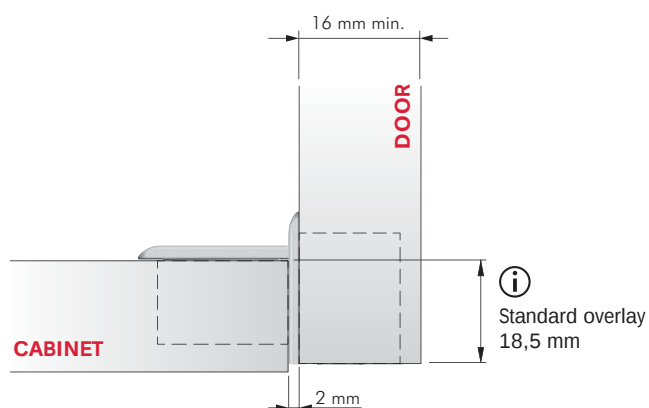
KIMANA SLIM STANDARD INSTALLATION



INSTALLATION WITH ALUMINIUM DOOR

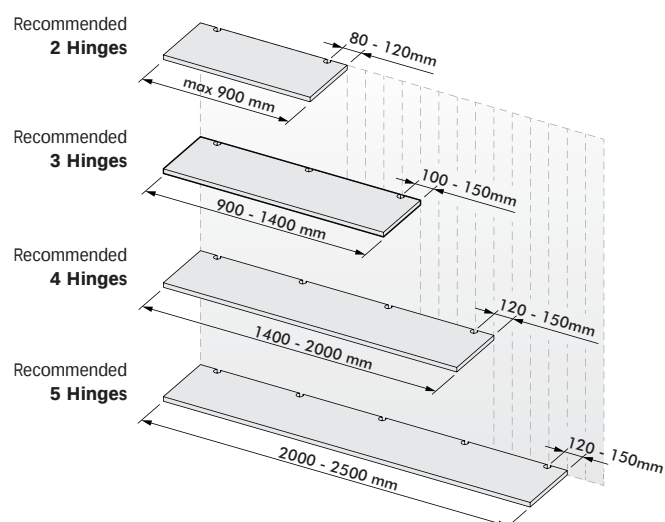


OVERLAY WITH STANDARD INSTALLATION



(i) The overlay value can be reduced by adding bespoke adapters on the cabinet side.

RECOMMENDED NUMBER OF HINGES PER DOOR

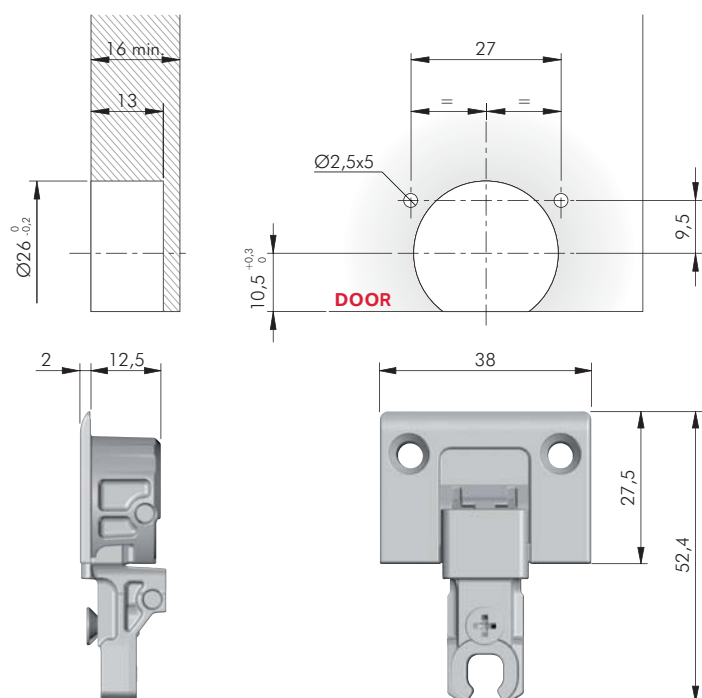


Due to various factors, the quantities stated in the chart are indicative.

[Back to table of contents](#)



KIMANA SLIM - Door



ZA

ST



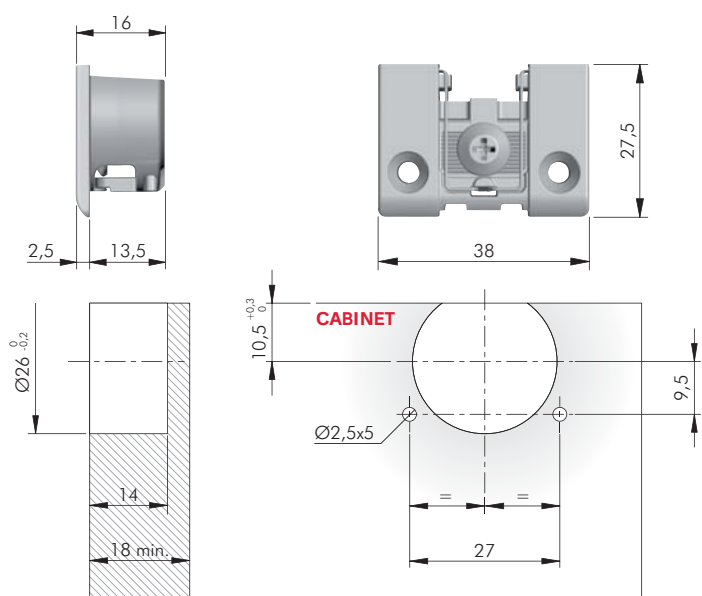
= 150 pcs.



40120020YA

40120020YQ

KIMANA - Bottom panel



ZA

ST



= 150 pcs.



40120000YA

40120000YQ

KIMANA COVER



ZA

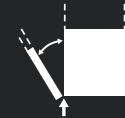


= 150 pcs.

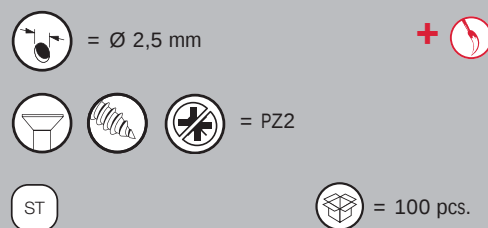
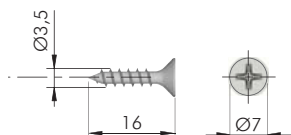


40120040YA

40120040YQ



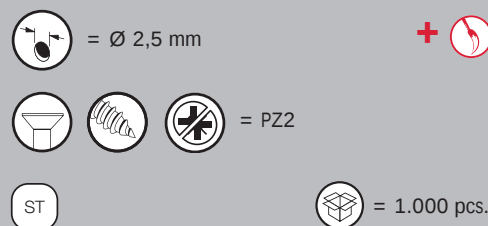
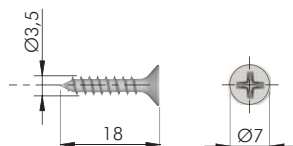
FIXING ACCESSORY FOR KIMANA SLIM



60101390YA

60101390Z9

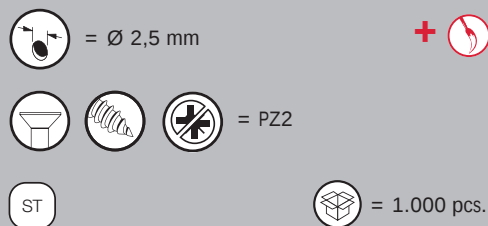
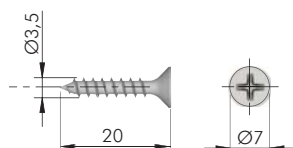
FIXING ACCESSORY FOR BOTH KIMANA AND ADAPTER PART NO. 40115340



60101400YA

60101400Z9

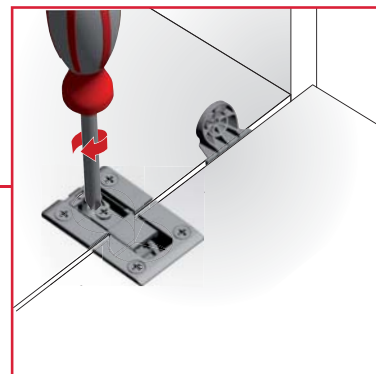
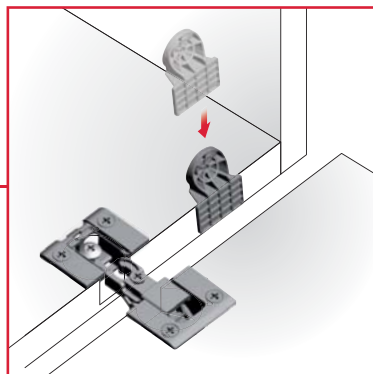
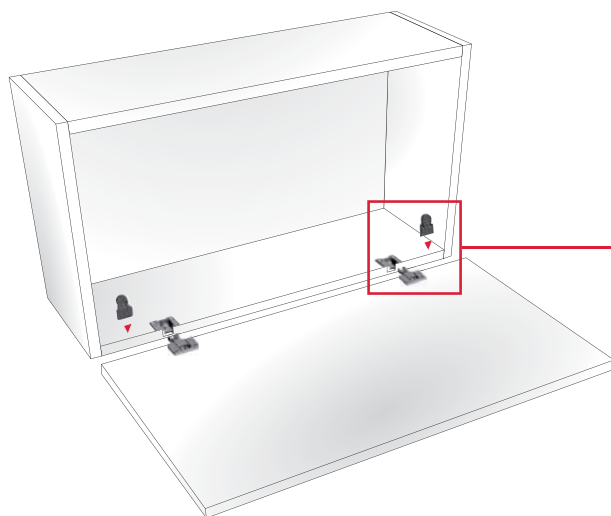
FIXING ACCESSORY FOR KIMANA ADAPTER PART NO. 40115400



60101410YA

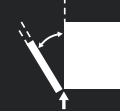
60101410Z9

DOOR ALIGNMENT SPACER FOR KIMANA HINGES



2 pcs featured in each polybag.

* For non-standard drilling plans 1,5, 2,5, 3 and 4 mm spacers are also available.



CABINET 16 mm THICK - DOOR 16 mm THICK

Kimana cover

Part no. 40120040YA/YQ

Screws Ø3,5x20 mm

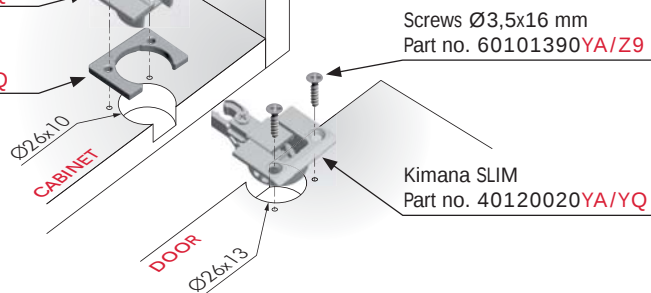
Part no. 60101410YA/Z9

Kimana

Part no. 40120000YA/YQ

Adapter H 4 mm

Part no. 40115400YA/YQ

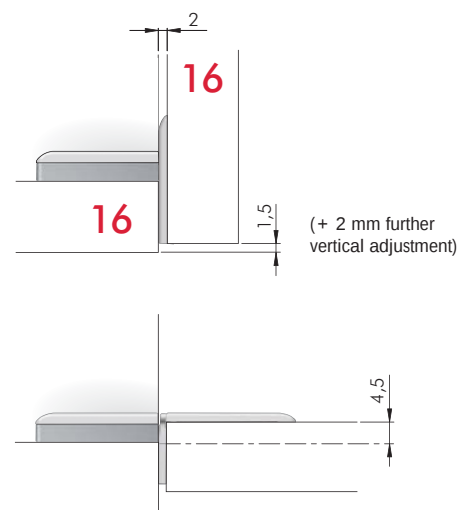


Screws Ø3,5x16 mm

Part no. 60101390YA/Z9

Kimana SLIM

Part no. 40120020YA/YQ



CABINET 18 mm THICK - DOOR 16 mm THICK

Kimana cover

Part no. 40120040YA/YQ

Screws Ø3,5x18 mm

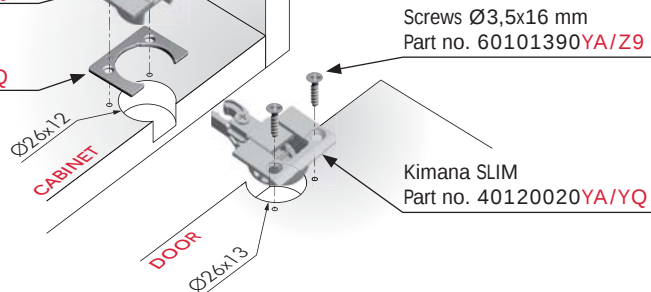
Part no. 60101400YA/Z9

Kimana

Part no. 40120000YA/YQ

Adapter H 2 mm

Part no. 40115340YA/YQ

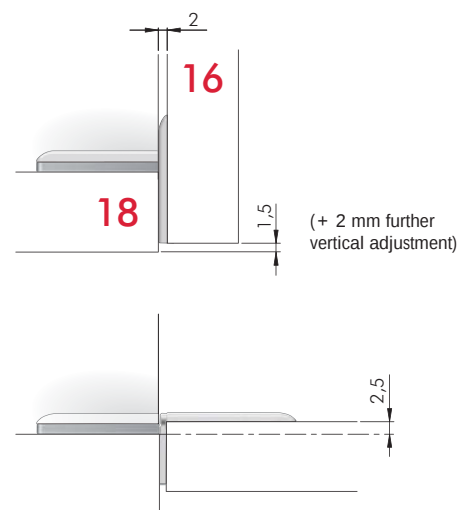


Screws Ø3,5x16 mm

Part no. 60101390YA/Z9

Kimana SLIM

Part no. 40120020YA/YQ



CABINET 19 mm THICK - DOOR 16 mm THICK

Kimana cover

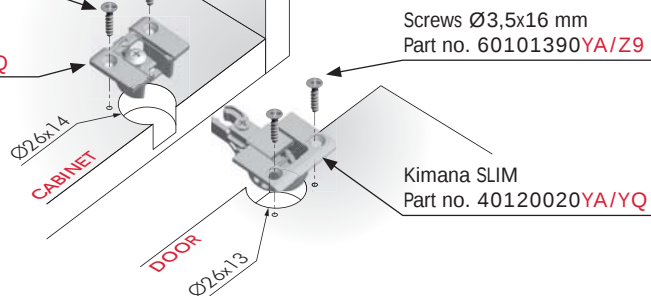
Part no. 40120040YA/YQ

Screws Ø3,5x18 mm

Part no. 60101400YA/Z9

Kimana

Part no. 40120000YA/YQ

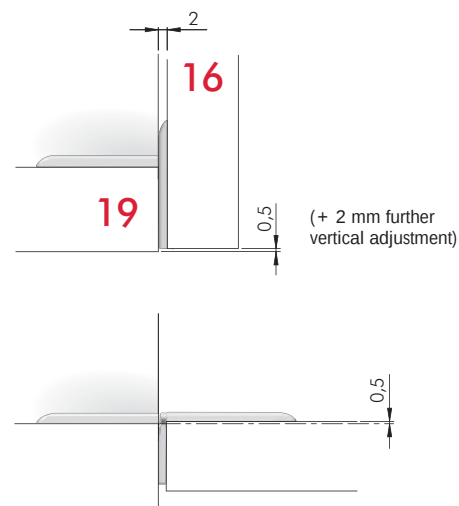


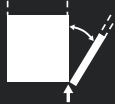
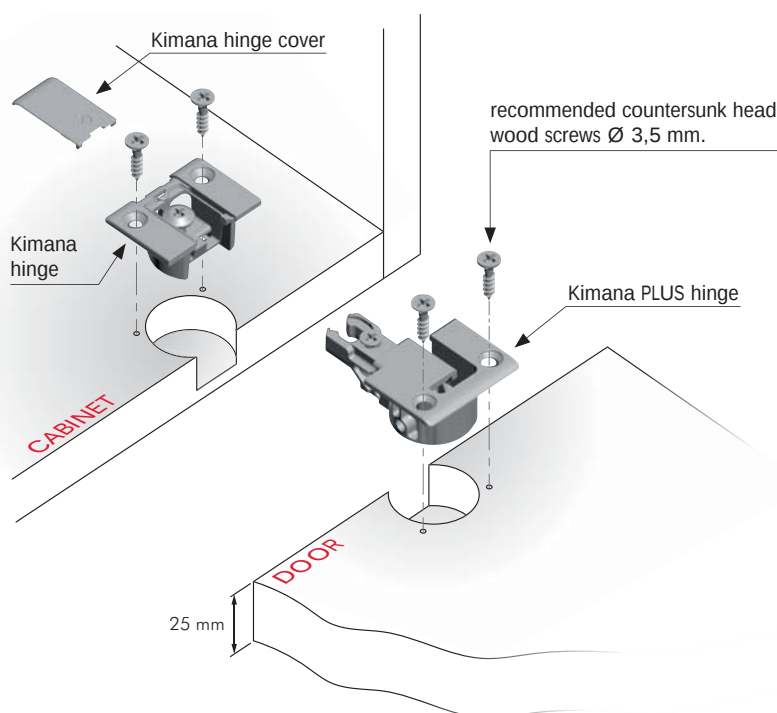
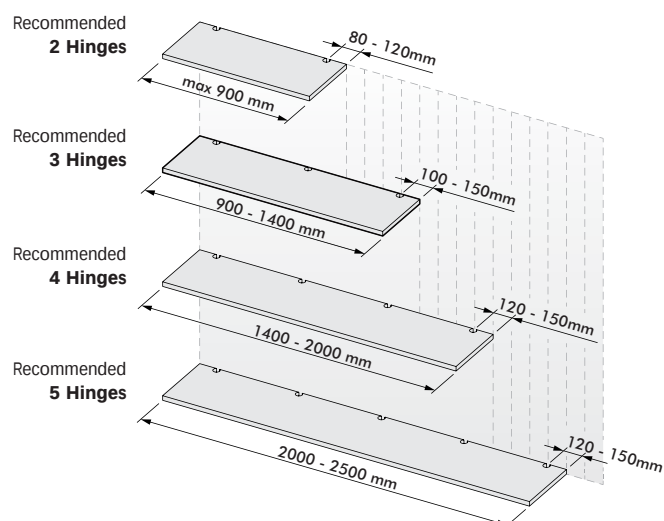
Screws Ø3,5x16 mm

Part no. 60101390YA/Z9

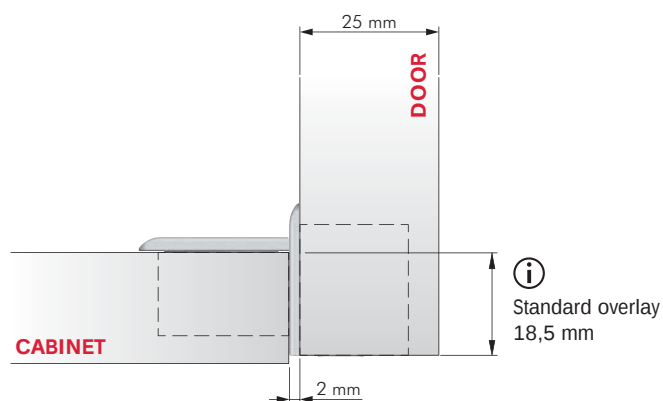
Kimana SLIM

Part no. 40120020YA/YQ

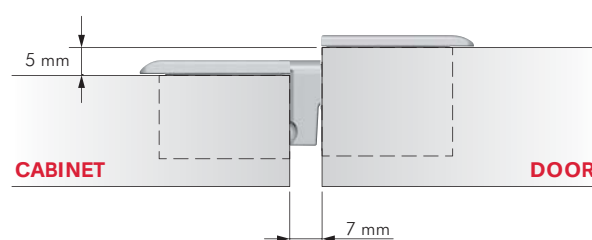


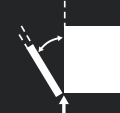
**KIMANA PLUS (Suitable mainly for door thickness 25 mm)****KIMANA PLUS STANDARD INSTALLATION****RECOMMENDED NUMBER OF HINGES PER DOOR**

Due to various factors, the quantities stated in the chart are indicative.

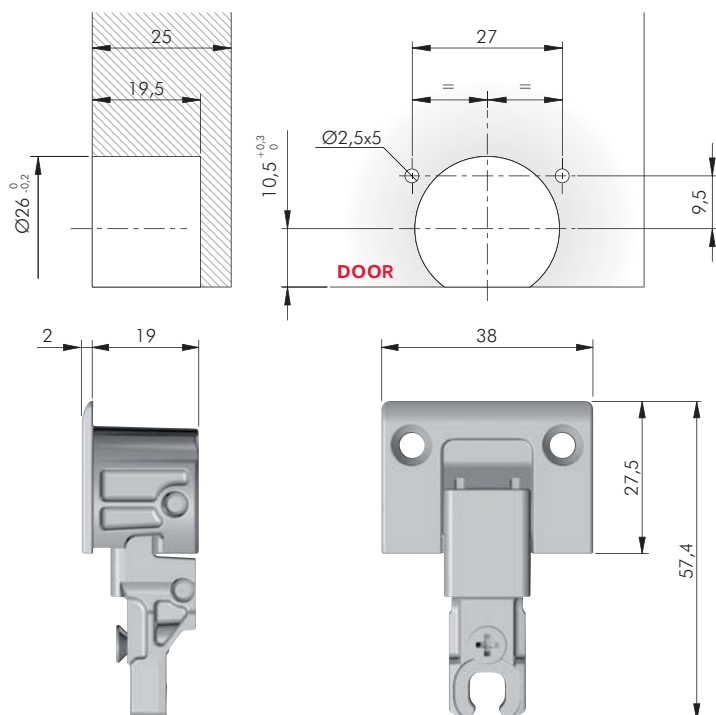
OVERLAY WITH STANDARD DRILLING PLAN**CLOSING CONDITION**

i The overlay value can be reduced by adding bespoke adapters on the cabinet side.

OPENING CONDITION

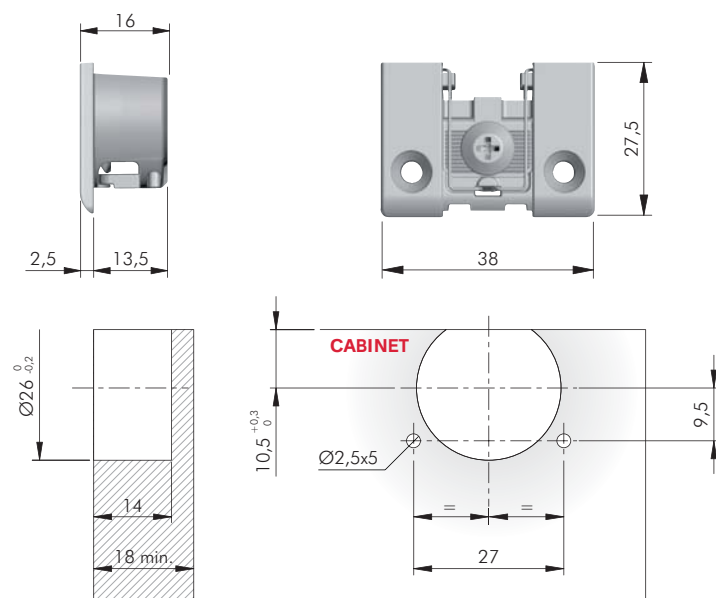


KIMANA PLUS - Door



	ZA ST	
40120030YA		
40120030YQ		

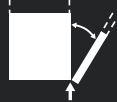
KIMANA - Bottom panel



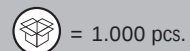
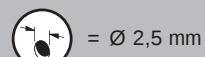
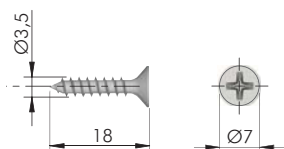
	ZA ST	
40120000YA		
40120000YQ		



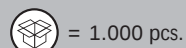
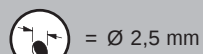
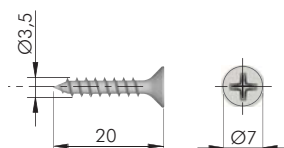
ZA	
40120040YA	
40120040YQ	



FIXING ACCESSORIES

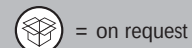
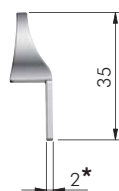
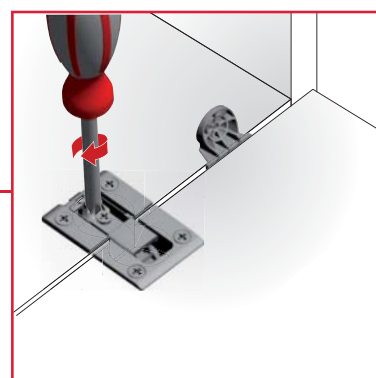
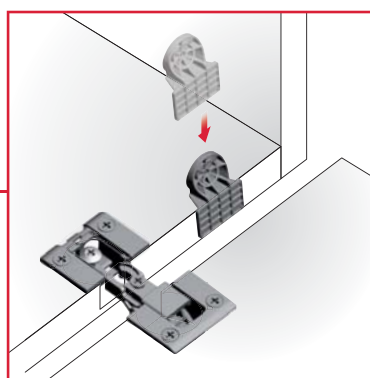
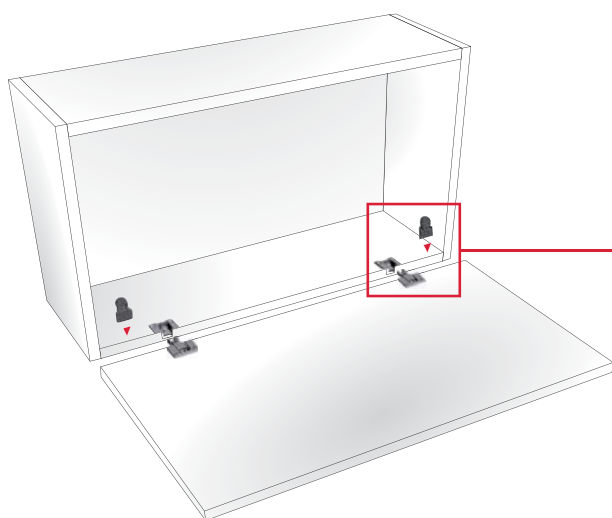


60101400YA Z9



60101410YA Z9

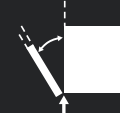
DOOR ALIGNMENT SPACER FOR KIMANA HINGES



40115635IA

2 pcs featured in each polybag.

* For non-standard drilling plans 1,5, 2,5, 3 and 4 mm spacers are also available.



CABINET 16 mm THICK - DOOR 25 mm THICK

Kimana cover

Part no. 40120040YA/YQ

Screws Ø3,5x20 mm

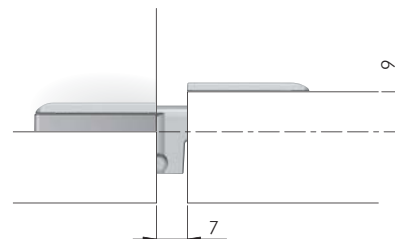
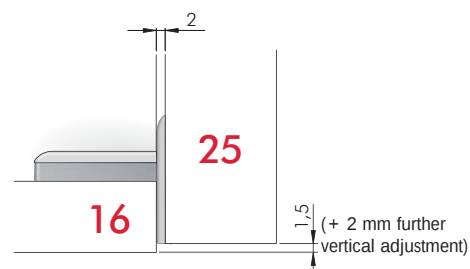
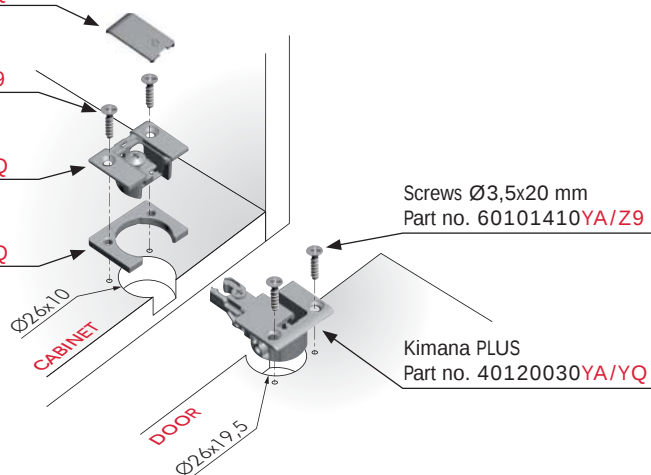
Part no. 60101410YA/Z9

Kimana

Part no. 40120000YA/YQ

Adapter H 4 mm

Part no. 40115400YA/YQ



CABINET 18 mm THICK - DOOR 25 mm THICK

Kimana cover

Part no. 40120040YA/YQ

Screws Ø3,5x18 mm

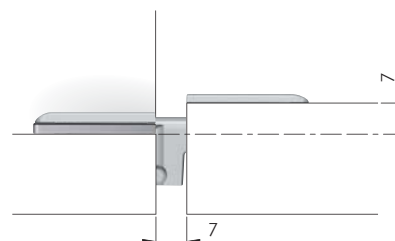
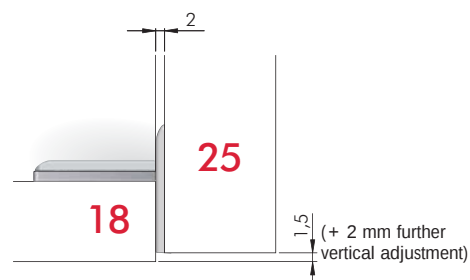
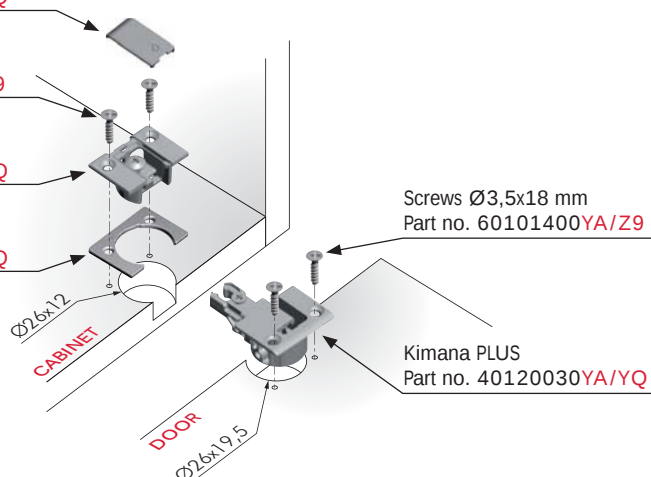
Part no. 60101400YA/Z9

Kimana

Part no. 40120000YA/YQ

Adapter H 2 mm

Part no. 40115340YA/YQ



CABINET 19 mm THICK - DOOR 25 mm THICK

Kimana cover

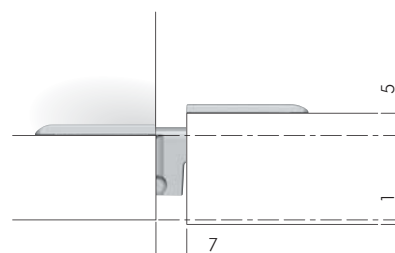
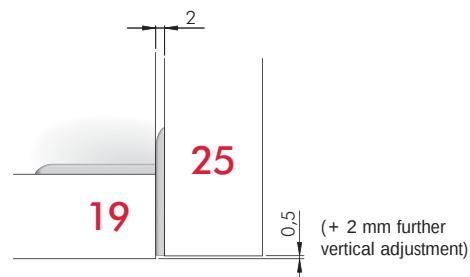
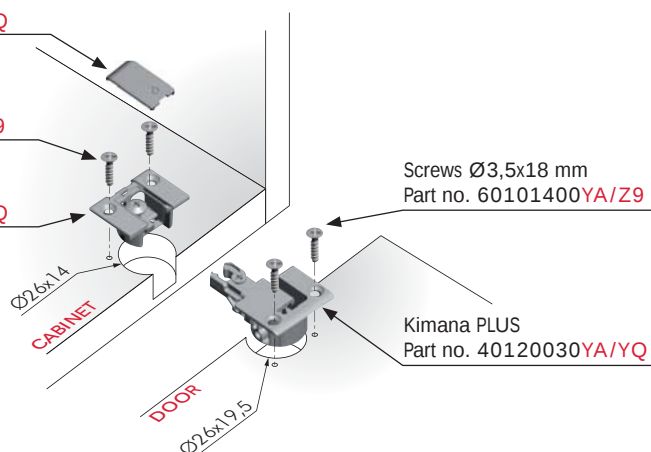
Part no. 40120040YA/YQ

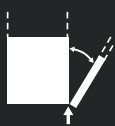
Screws Ø3,5x18 mm

Part no. 60101400YA/Z9

Kimana

Part no. 40120000YA/YQ

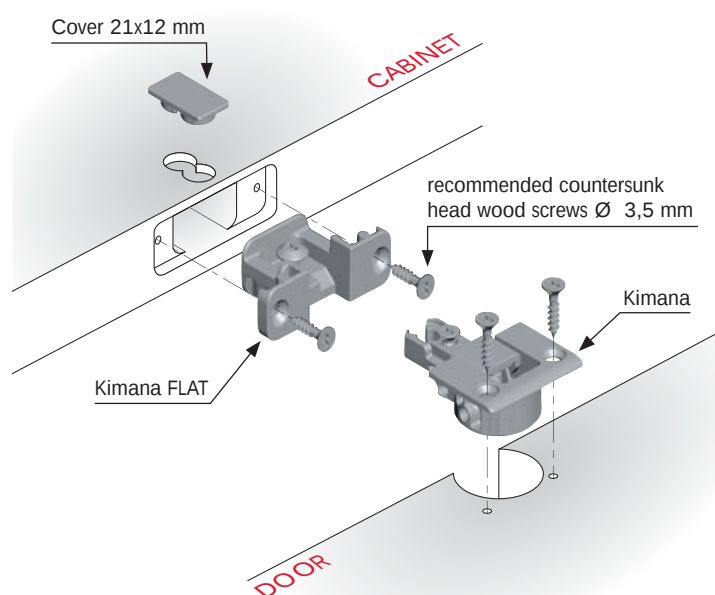




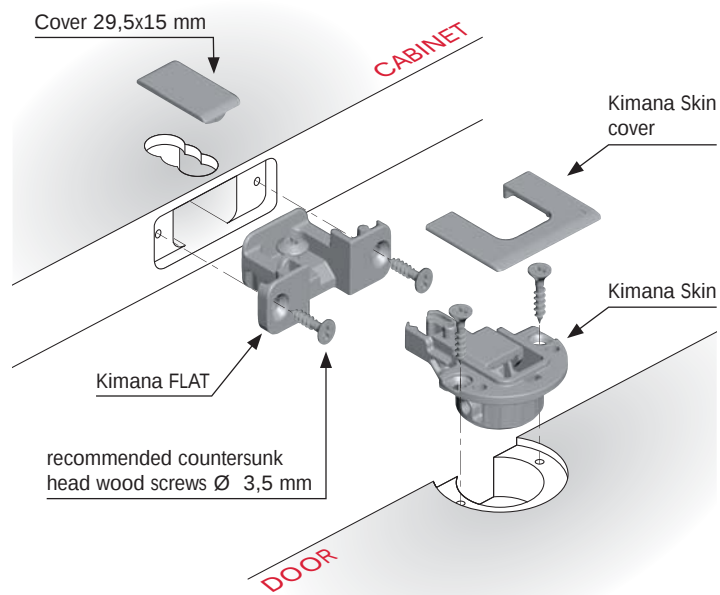
KIMANA FLAT & KIMANA SKIN FLAT



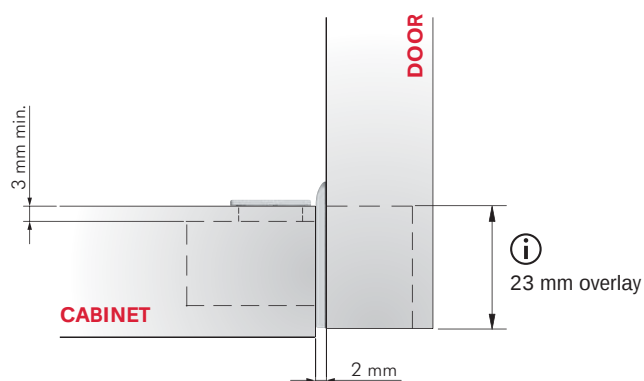
KIMANA FLAT INSTALLATION



KIMANA FLAT INSTALLATION

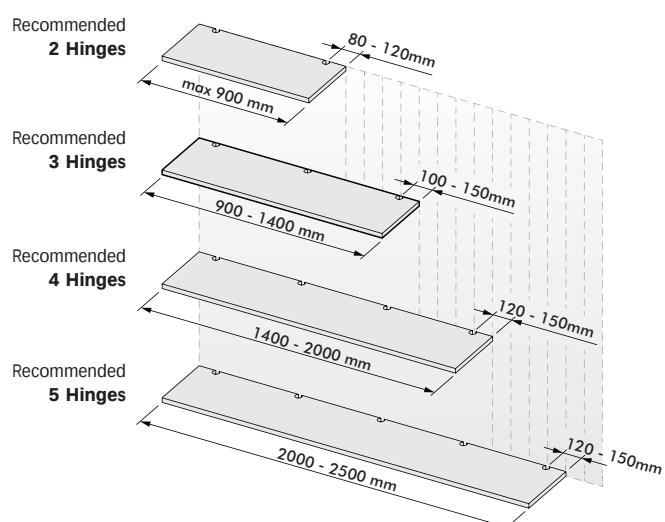


OVERLAY WITH STANDARD DRILLING PLAN



 The overlay value can be reduced by adding bespoke adapters on the cabinet side.

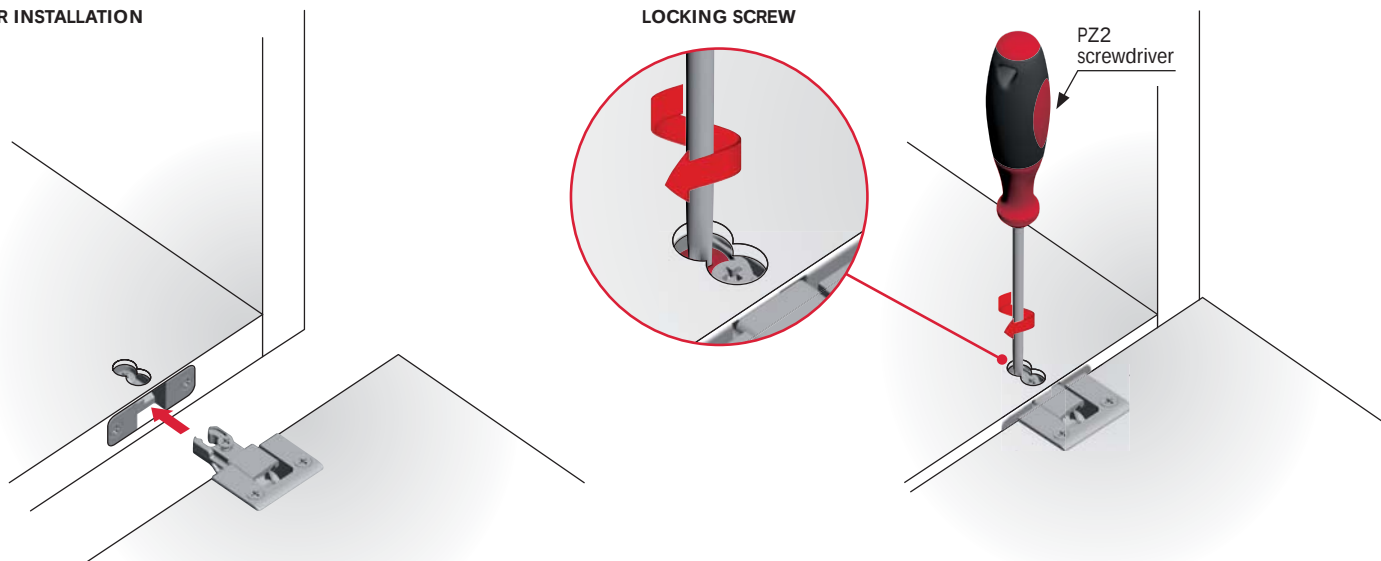
RECOMMENDED NUMBER OF HINGES PER DOOR



Due to various factors, the quantities stated in the chart are indicative.



DOOR INSTALLATION



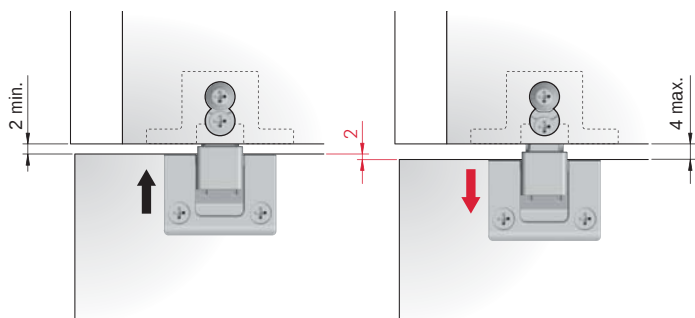
LOCKING SCREW

PZ2
screwdriver

ADJUSTMENTS AND ASSEMBLING

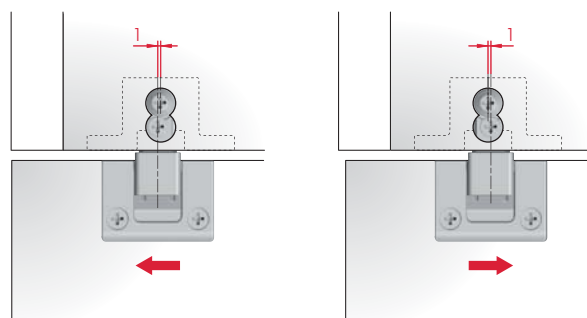
IN-DEPTH ADJUSTMENT +2 mm

⚠ TO BE MADE BEFORE
LOCKING SCREW OPERATION ⚠



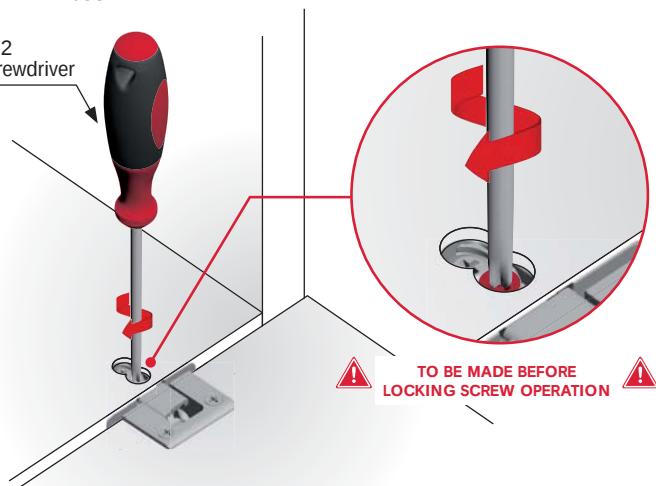
LATERAL ADJUSTMENT ± 1 mm

⚠ TO BE MADE BEFORE
LOCKING SCREW OPERATION ⚠



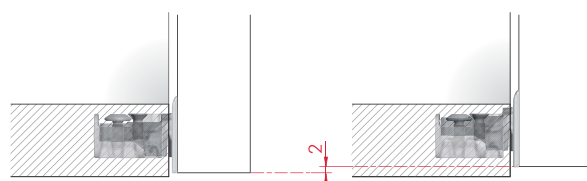
OVERLAP ADJUSTMENT

PZ2
screwdriver

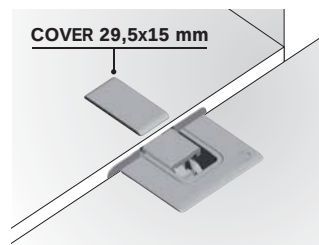
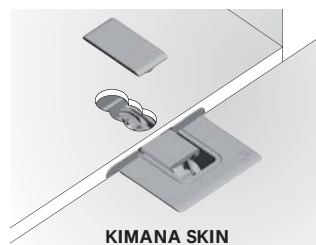
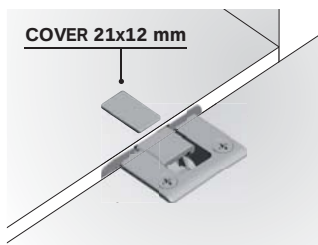
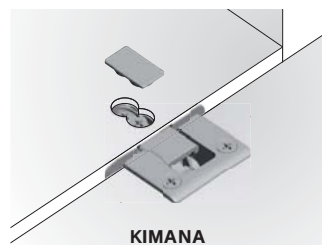


⚠ TO BE MADE BEFORE
LOCKING SCREW OPERATION ⚠

+ 2 mm vertical adjustment

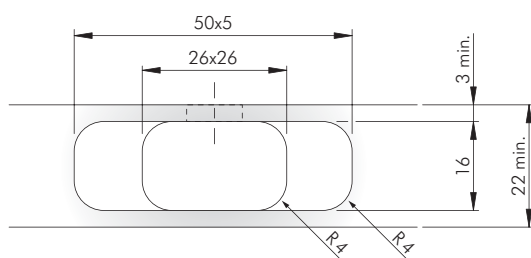


COVERS OPTIONS

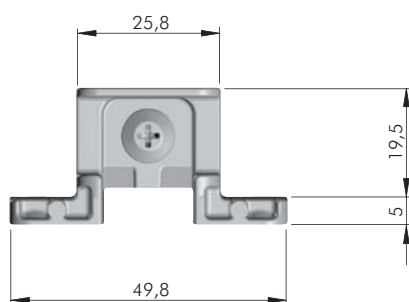
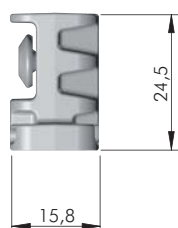
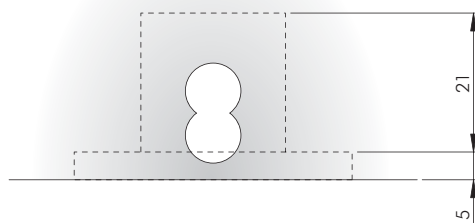
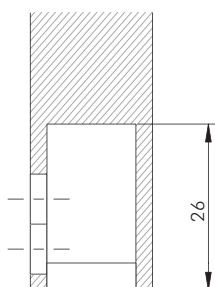




KIMANA FLAT WITH COVER 21x12 mm



CABINET



ZA ST

= 150 pcs.

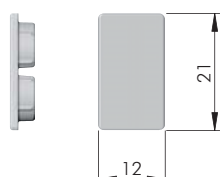
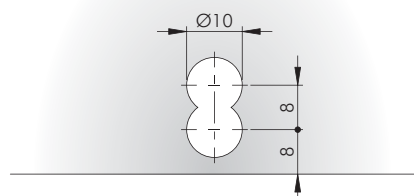


40120140YA

40120140YQ



CABINET



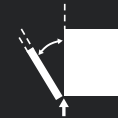
EP

= on request

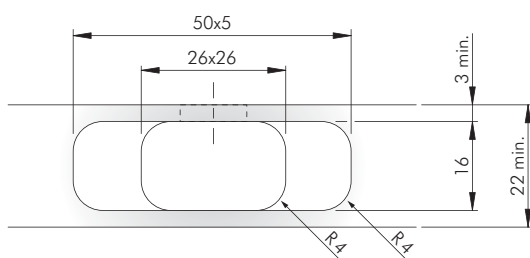


40120160EE

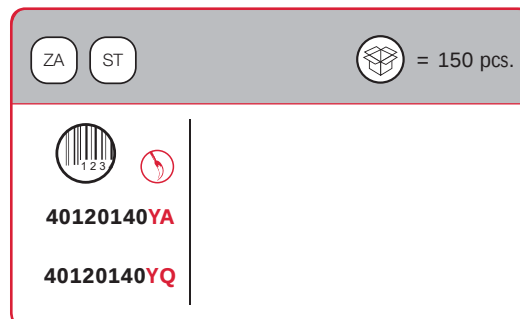
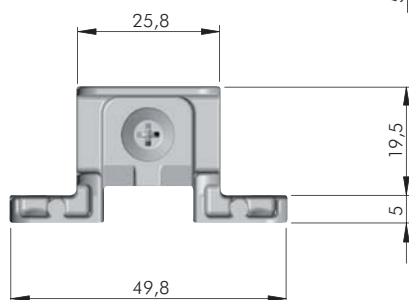
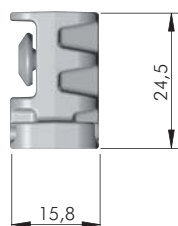
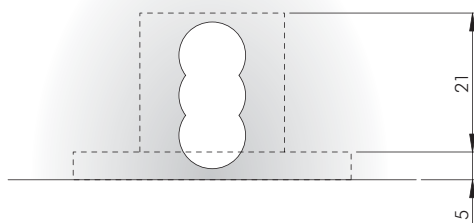
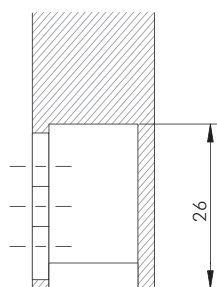




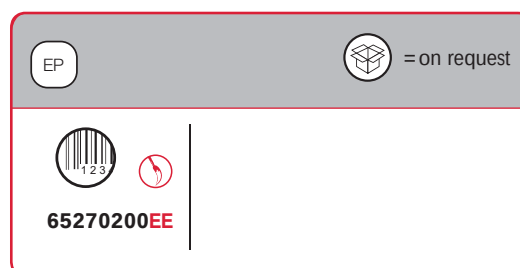
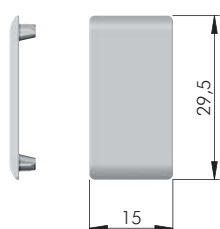
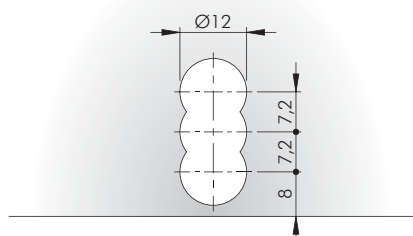
KIMANA FLAT WITH COVER 29,5x15 mm

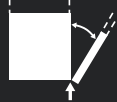


CABINET

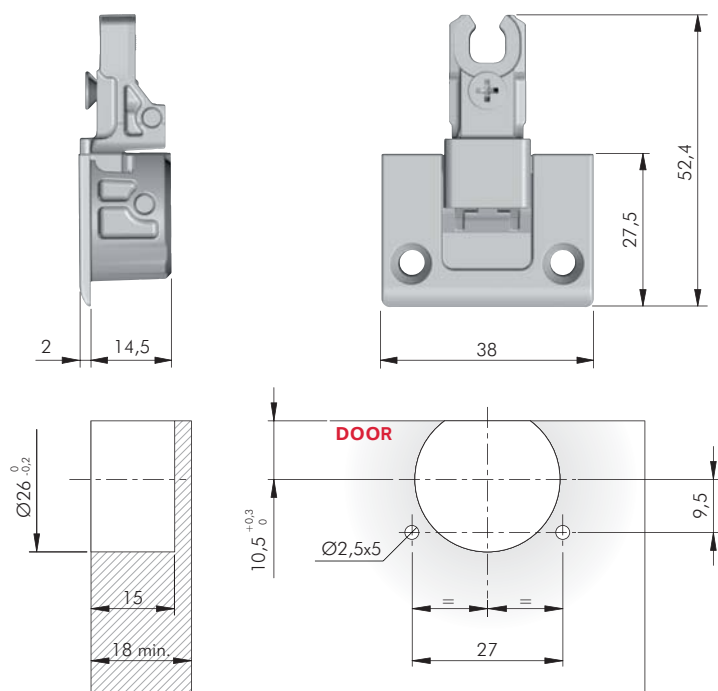


CABINET





KIMANA - DOOR



ZA

ST



= 150 pcs.

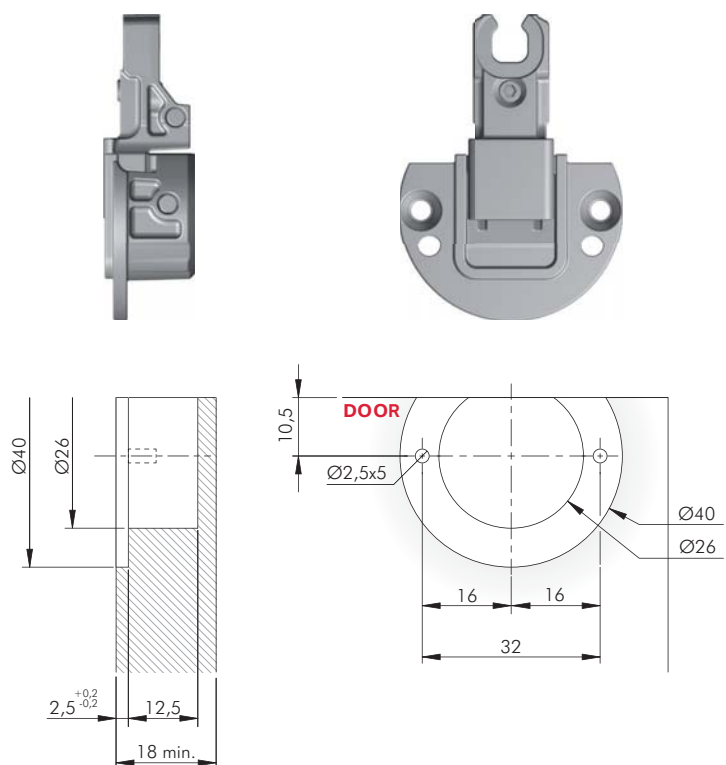


40120010YA

40120010YQ



KIMANA SKIN - DOOR



ZA

ST



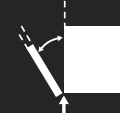
= 200 pcs.



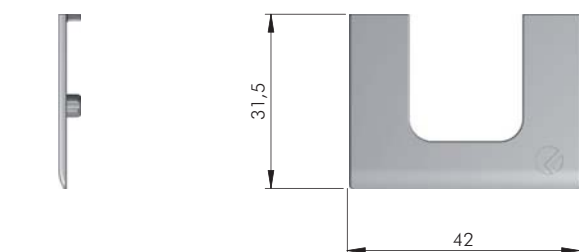
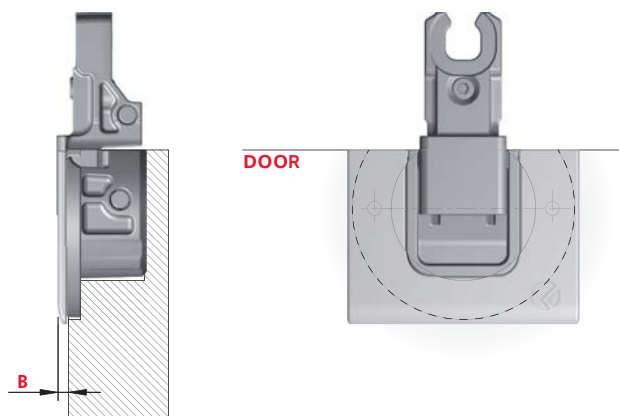
40130010YA

40130010YQ

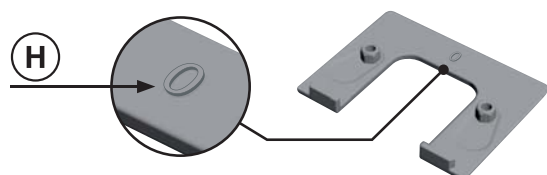


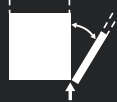


COVER - DOOR

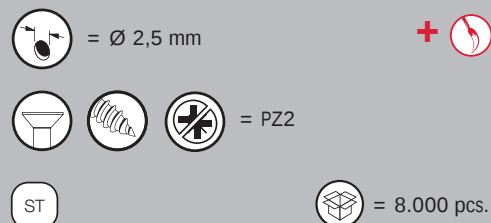
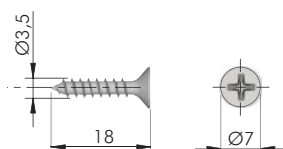
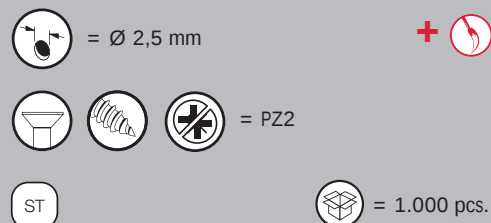
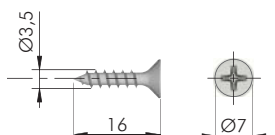


EP	= 200 pcs.			
				B
40130200EE	AB	0	1,5	

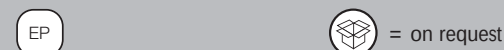
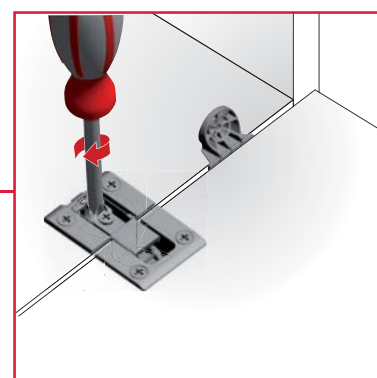
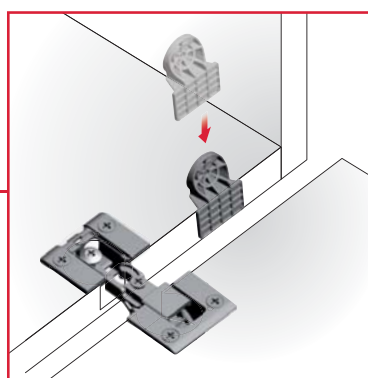
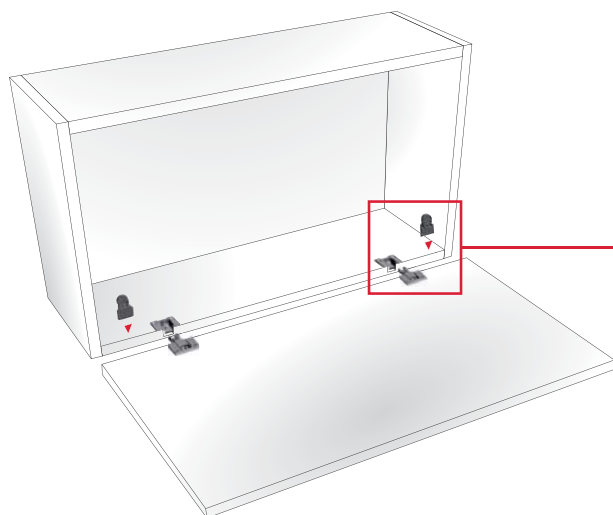




FIXING ACCESSORIES

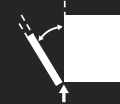


DOOR ALIGNMENT SPACER FOR KIMANA HINGES

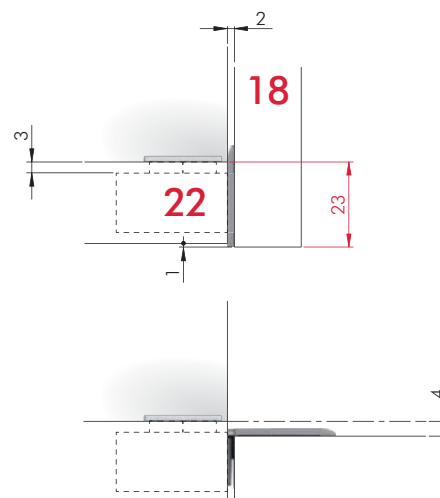
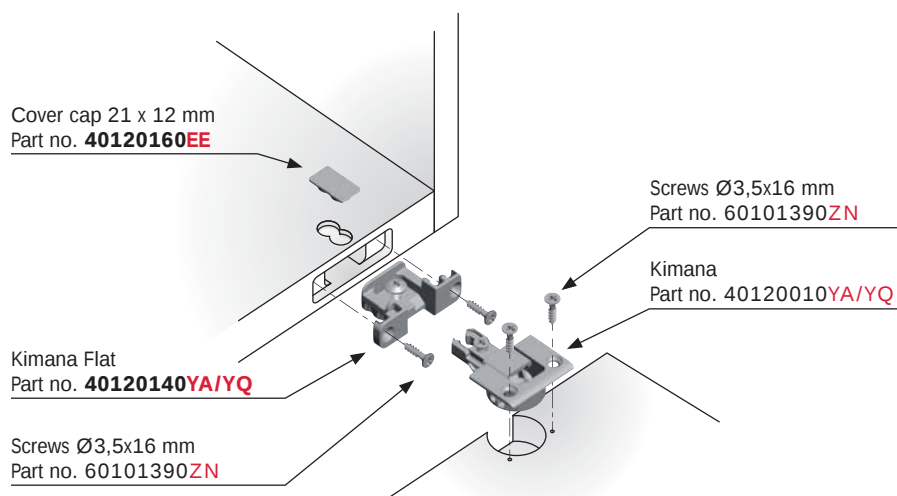


2 pcs featured in each polybag.

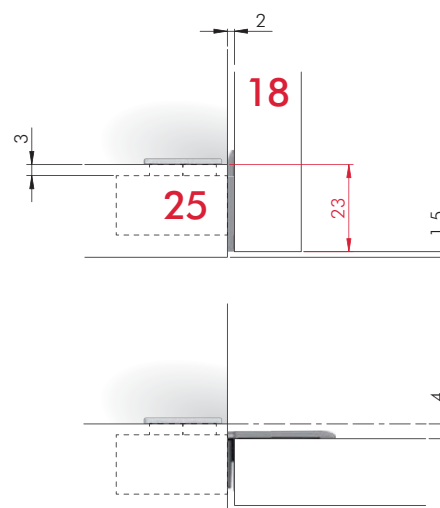
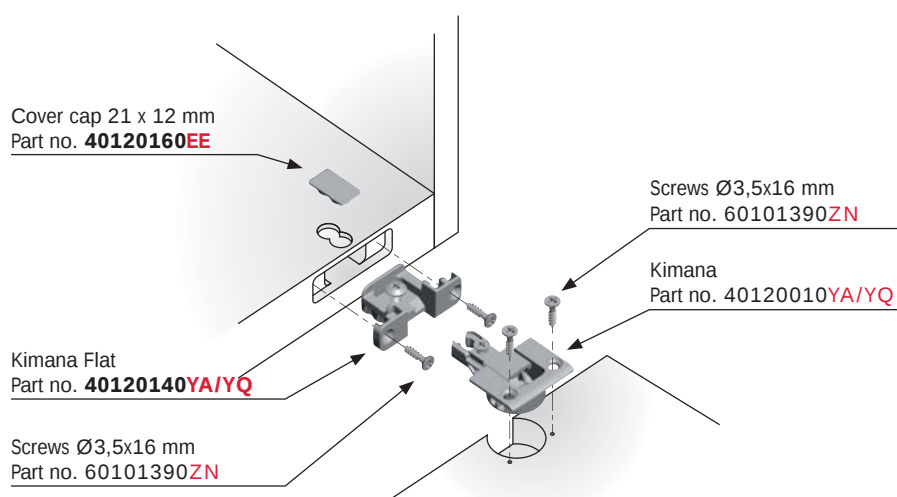
* For non-standard drilling plans 1,5, 2,5, 3 and 4 mm spacers are also available.



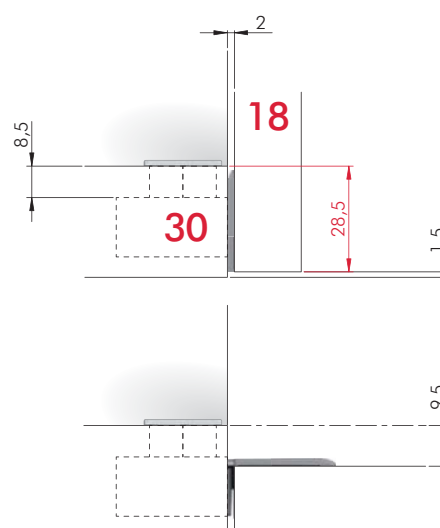
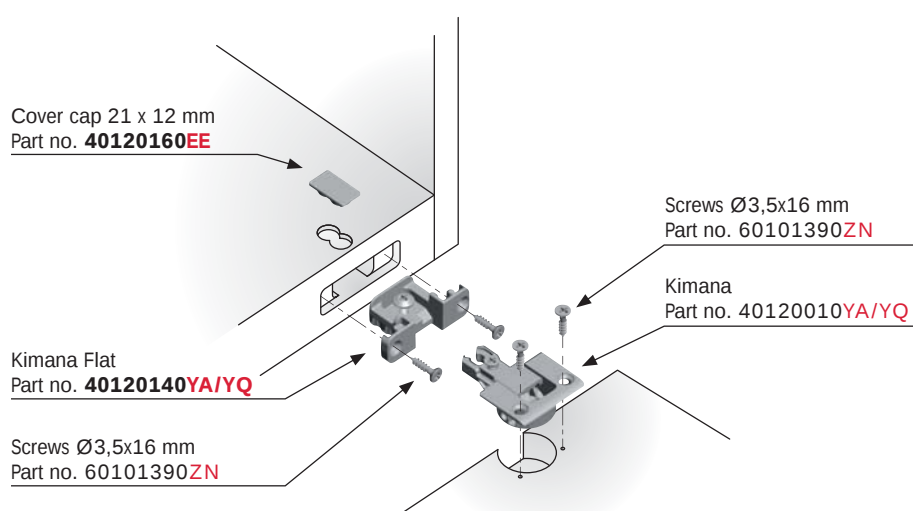
CABINET 22 mm THICK - DOOR 18 mm THICK

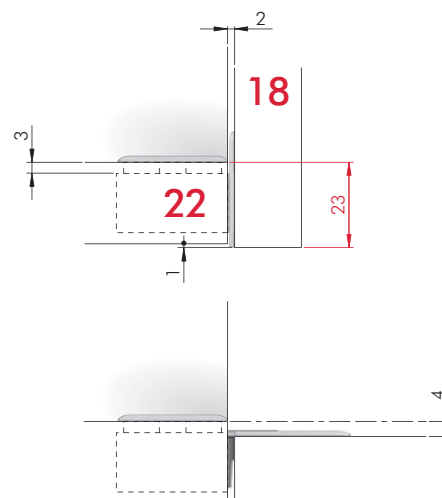
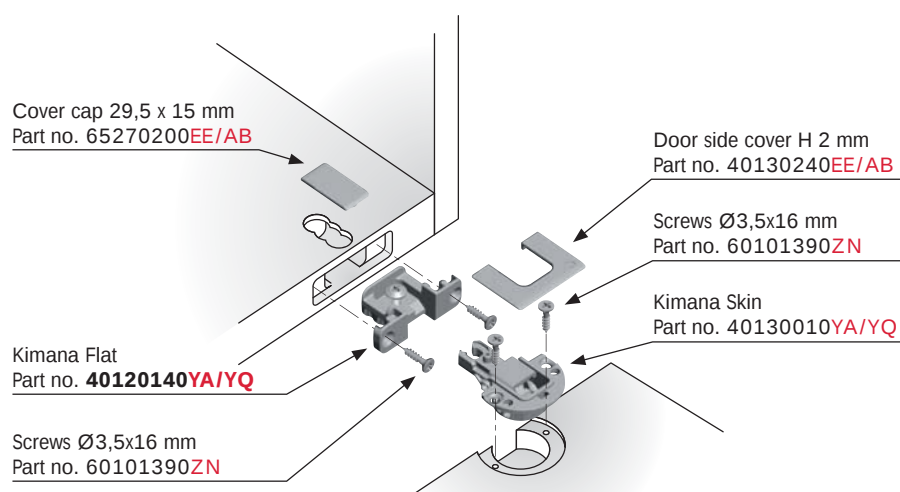
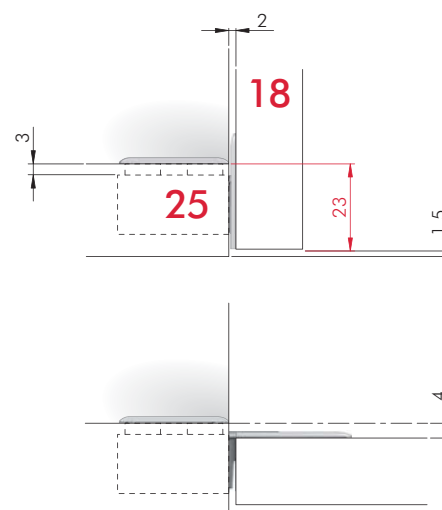
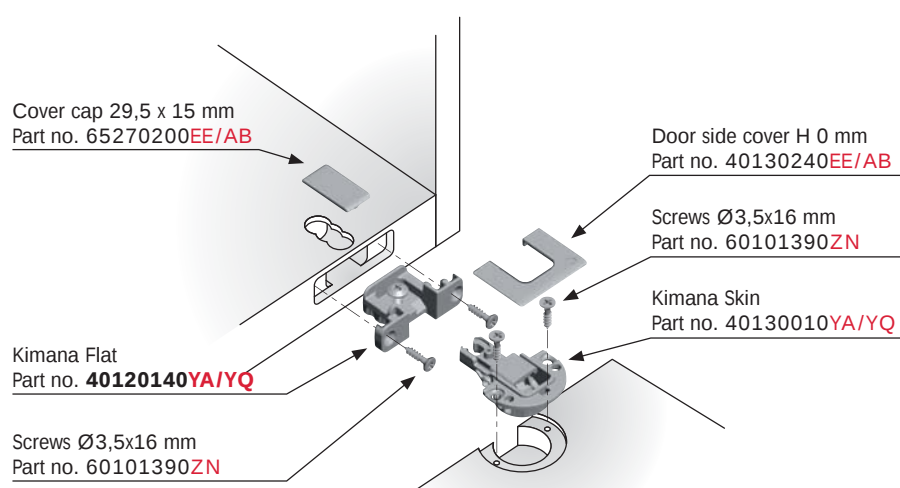
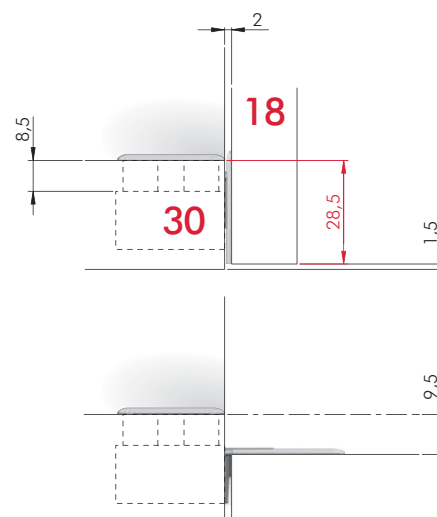
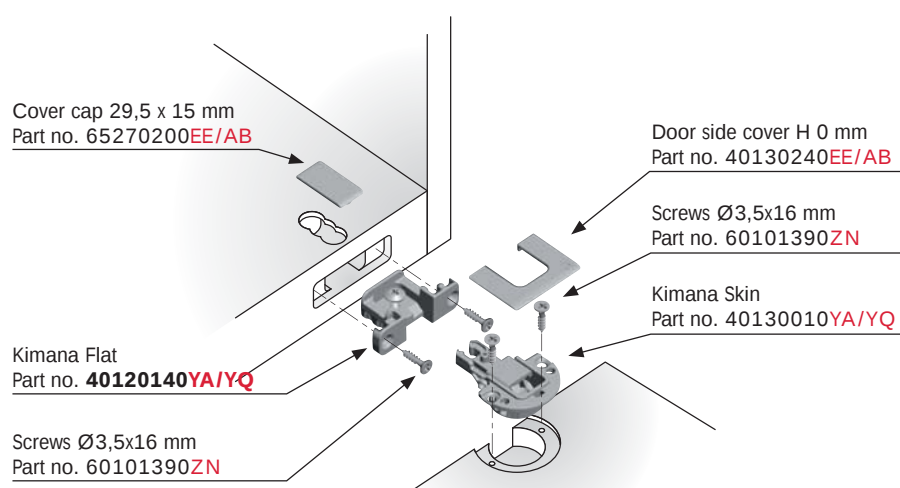


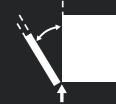
CABINET 25 mm THICK - DOOR 18 mm THICK



CABINET 30 mm THICK - DOOR 18 mm THICK



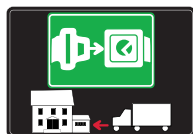
**CABINET 22 mm THICK - DOOR 18 mm THICK****CABINET 25 mm THICK - DOOR 18 mm THICK****CABINET 30 mm THICK - DOOR 18 mm THICK**





SYMBOLS AND FINISHES LEGEND

SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= WITH BUFFER



= PART NO.



= BLADE SLOT



= WITH MAGNET



= PCS. PER PACKAGE



= COMBI SLOT



= HEXAGONAL SOCKET



= NEWTON



= CAPACITY LOADING



= HEXALOBULAR SOCKET



= FRICTION



= WOOD / GLASS THICKNESS



= COUNTERSUNK HEAD



= AUTOMATIC



= HOLE DIAMETER



= PAN HEAD



= DROP DOWN



= DIAMETER



= FLANGE HEAD



= LENGTH



= FLAT HEAD



= STANDARD HINGE



= HEIGHT



= TRILOBULAR SCREW



= KIMANA HINGE



= RIGHT VERSION



= SELF-TAPPING SCREW



= FLAP HINGE



= LEFT VERSION



= EURO THREAD



= WITH SPRING



= SETTING CODE



= METRIC THREAD



= WITHOUT SPRING



= PCS. PER PAD



= PRE-INSERTED SCREW



= REVERSED SPRING



= CUT ON REQUEST



= PRE-INSERTED SCREW AND SPREADING BUSH



= WITH FLANGE



= SELF ADHESIVE

NOTE: Printing errors and omissions may exist despite our best efforts to ensure accuracy. We reserve the right to alter specifications without notice.

MATERIALS

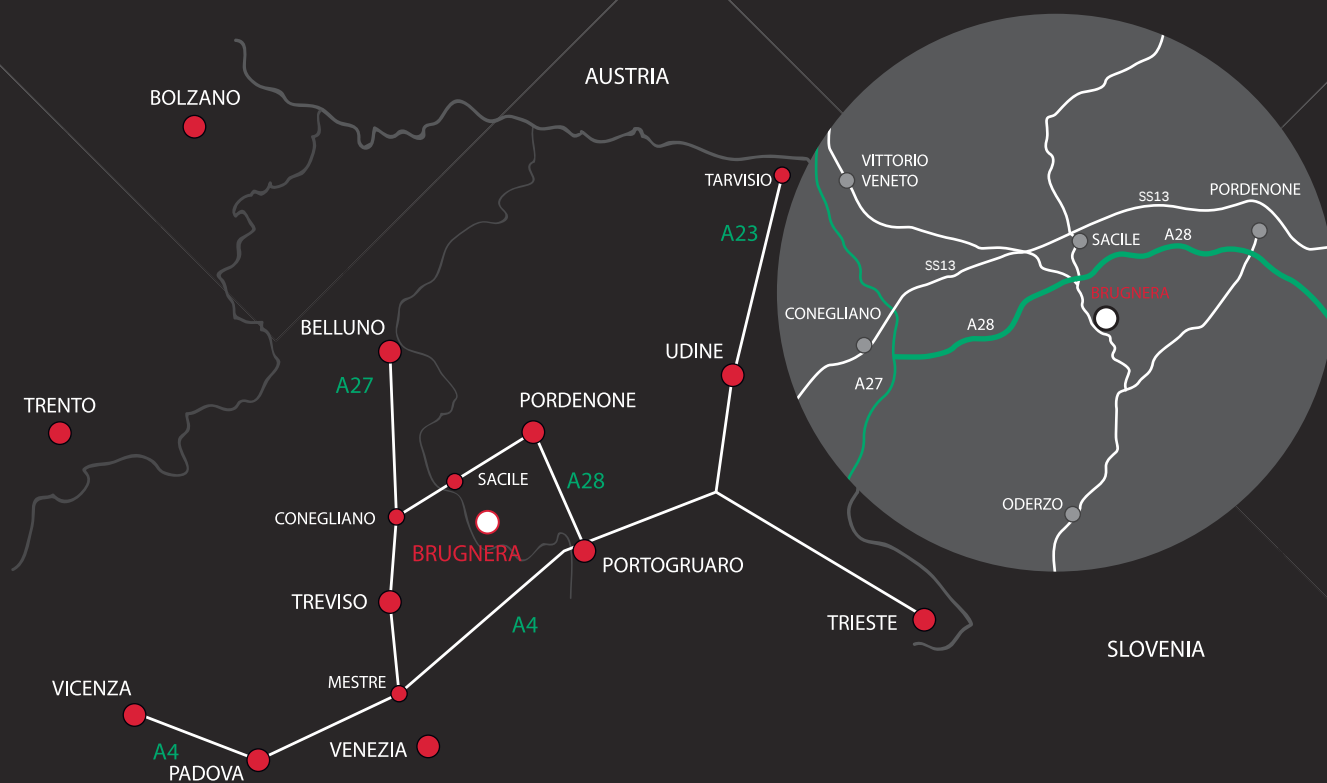
ZA = Zinc Alloy	ST = Steel	HSS = High Speed Steel	BR = Brass	ABS = Acrylonitrile Butadiene Styrene
ZAnk = Nickel-plated Zinc Alloy	STzk = Zinc-plated Steel	AL = Aluminium	WD = Wood	EVA = Ethylene Vinyl Acetate

EP = ENGINEERING PLASTIC	+ EP = other engineering plastic available on request	SR = SOFT RUBBER	+ SR = other soft rubber available on request
--	--	--------------------------------	--

EPn = Natural Engineering Plastic	EPc = Clear Engineering Plastic	SRn = Natural Soft Rubber
EPw = White Engineering Plastic	EPg = Grey Engineering Plastic	SRw = White Soft Rubber
EPb = Black Engineering Plastic	EPa = Anthracite Engineering Plastic	SRb = Black Soft Rubber

 FINISHES	+  = OTHER FINISHES AVAILABLE ON REQUEST
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PART NO.	FINISHES	PART NO.	FINISHES	PART NO.	FINISHES
00	Insignificant finish	IF	Grey 7	XE	Inox
AA	Natural	IJ	Light Grey	YA	Nickel-plated
AB	White	IL	Grey 20	YC	Matt Nickel-plated
AE	White 9010	IN	Grey met. 26	YD	Satin-finished Nickel-plated
EA	Black	JG	Aluminium 5	YQ	Black Nickel
EC	Matt Black	JL	Aluminium PE 11	Z9	Black Zinc
EE	Anthracite	JM	Aluminium RAL 9006	ZN	Zinc-plated
EW	Grey 9007	KB	Bright Chrome	ZQ	Bright Gold
FU	Gunmetal	KC	Matt Chrome	ZZ	Clear/Transparent
FV	Gunmetal V52	LD	Brown 8019		
GR	Zamak Raw	RO	Red		
HA	Brass-Plated	UT	T-Met 9007		
HH	Tropicalized	UZ	T-Met		
HL	Raw Brass	WA	Bronzed		
HX	Graphite	WI	Burnished		
IA	Grey	XD	Satin-finished Steel		



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