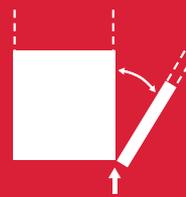


 **ITALIANA**[®]
ferramenta



Kimana



HINGES



SYMBOLS AND FINISHES LEGEND

SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= NEWTON



= PART.NO



= HEXAGONAL SOCKET



= FRICTION



= PCS. PER PACKAGE



= BLADE SLOT



= AUTOMATIC



= COMBI SLOT



= DROP DOWN



= CAPACITY LOADING



= COUNTERSUNK HEAD



= WOOD / GLASS THICKNESS



= PAN HEAD



= STANDARD HINGE



= HOLE DIAMETER



= FLANGE HEAD



= KIMANA HINGE



= DIAMETER



= FLAT HEAD



= FLAP HINGE



= LENGTH



= TRILOBULAR SCREW



= WITH SPRING



= HEIGHT



= SELF-TAPPING SCREW



= WITHOUT SPRING



= RIGHT VERSION



= EURO THREAD



= REVERSED SPRING



= LEFT VERSION



= METRIC THREAD



= SETTING CODE



= PRE-INSERTED SCREW



= FOR ROUND TUBE



= PCS. PER PAD



= PRE-INSERTED SCREW AND SPREADING BUSH



= FOR OVAL TUBE



= CUT ON REQUEST



= WITH BUFFER



= SELF ADHESIVE



= WITH MAGNET



= WITH FLANGE

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
EPwg = Water Green Engineering Plastic		SRb = Black Soft Rubber



FINISHES



+ OTHER FINISHES AVAILABLE ON REQUEST

PART. NO	FINISHES	PART. NO	FINISHES	PART. NO	FINISHES
AA	Natural	IJ	Light Grey	RO	Red
AB	White	IL	Grey 20	PZ	Beech
AC	Opal White	IN	Grey met. 26	QB	Walnut
AE	White 9010	JB	Bright Aluminium	QA	Maple
AK	Champagne	JC	Aluminium - Chrome	UT	T-Met 9007
AL	Ivory	JD	Matt Aluminium	UZ	T-Met
EA	Black	JE	Satin-finished Aluminium	WA	Bronzed
EB	Glossy Black	JF	Aluminium - Brass	WI	Burnished
EC	Matt Black	JG	Aluminium 5	XD	Satin-finished Steel
EE	Anthracite	JL	Aluminium PE 11	YA	Nickel-plated
EW	Grey 9007	JM	Aluminium RAL 9006	YB	Bright Nickel-plated
FU	Gunmetal	KA	Chrome	YC	Matt Nickel-plated
FV	Gunmetal V52	KB	Bright Chrome	YD	Satin-finished Nickel-plated
GR	Raw	KC	Matt Chrome	YQ	Black Nickel
HA	Brass-Plated	MA	Brown	Z9	Black Zinc
HH	Tropicalized	MB	Light Brown 1	ZA	Zinc alloy
HL	Raw Brass	NN	Metallic Beige	ZN	Zinc-plated
HX	Graphite	NO	Beige	ZQ	Bright Gold
IA	Grey	OA	Oak	ZY	Titanium
IB	Metallic Grey	OZ	Ash	ZZ	Clear
IF	Middle Grey	PA	Light Ash	00	Insignificant finish



KIMANA

KIMANA is the new hinge conceived by Italiana Ferramenta 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 (\varnothing 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 (PZ2) 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 plaining adapters under the hinge clip so that the ideal movement and alignment of the door are guaranteed.

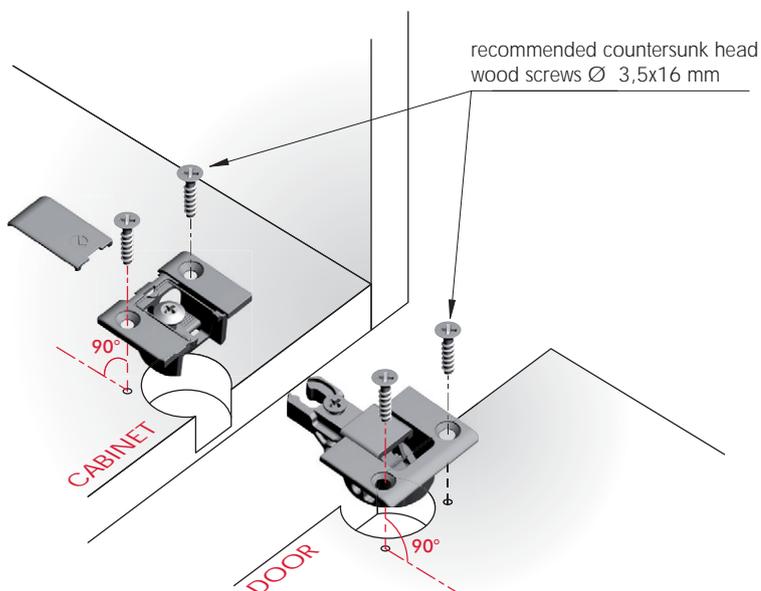


GOOD DESIGN AWARD, 2012

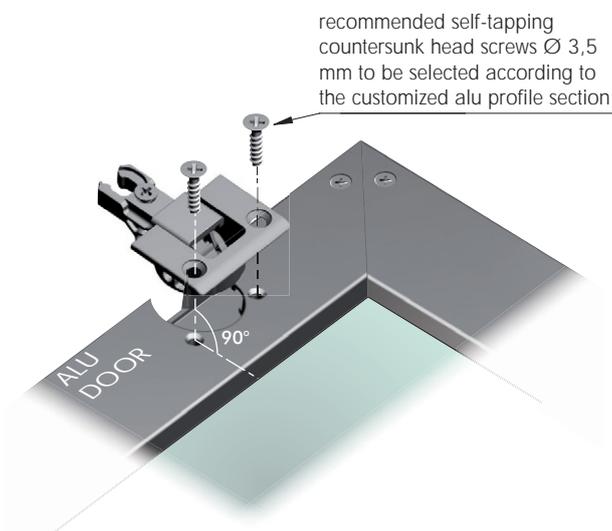
PAT. PENDING
REGISTERED DESIGN

PAT. PENDING
REGISTERED DESIGN

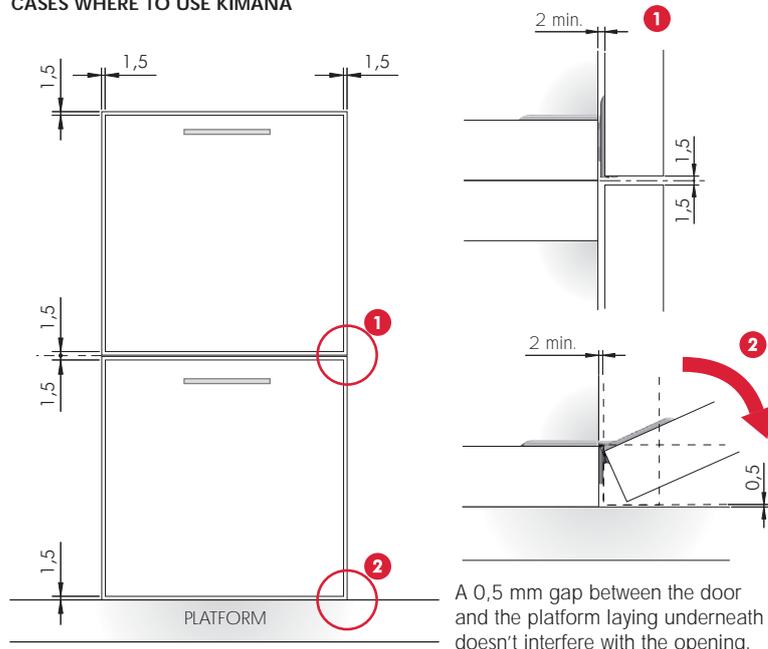
INSTALLATION ON UNIT WITH SOLID DOOR (Application shown for minimum thickness 18 mm)



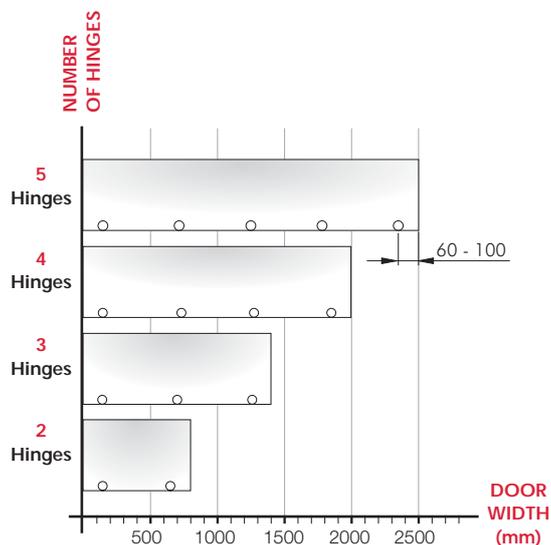
INSTALLATION ON UNIT WITH ALUMINIUM DOOR (Application shown for minimum thickness 18 mm)



CASES WHERE TO USE KIMANA



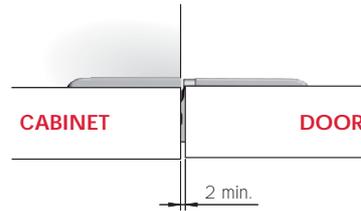
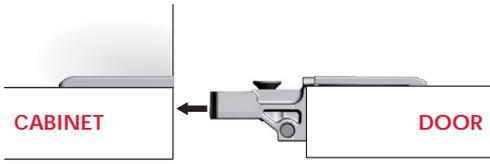
RECOMMENDED NUMBER OF KIMANA PER DOOR



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

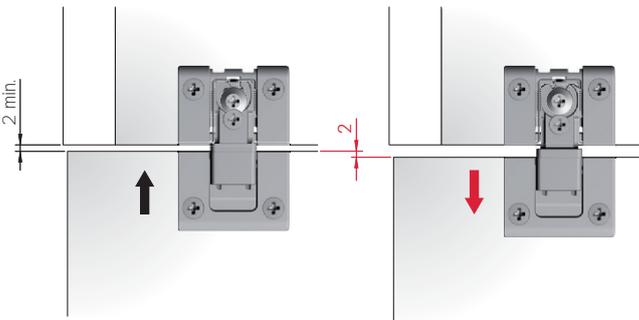


DOOR INSTALLATION



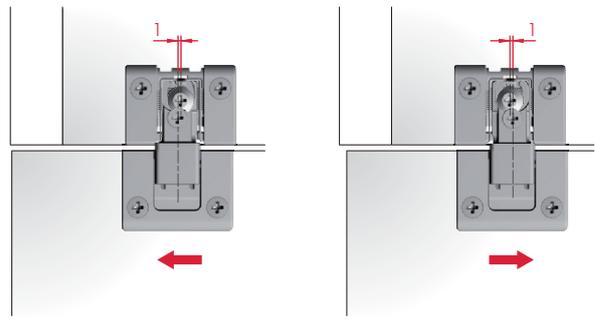
IN-DEPTH ADJUSTMENT 0+2 mm

⚠ TO BE MADE BEFORE LOCKING SCREW OPERATION ⚠



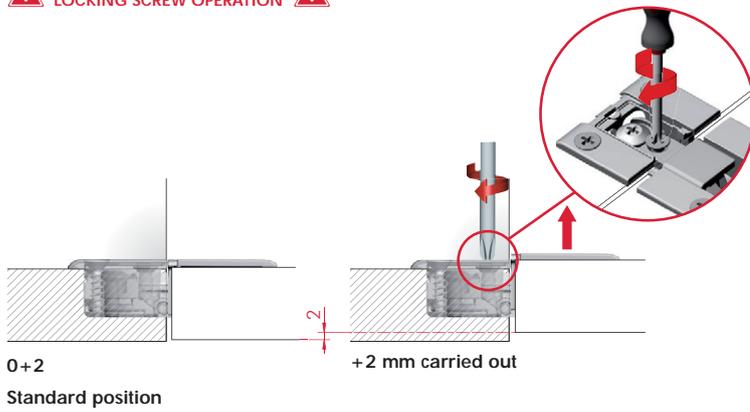
LATERAL ADJUSTMENT 0±1 mm

⚠ TO BE MADE BEFORE LOCKING SCREW OPERATION ⚠



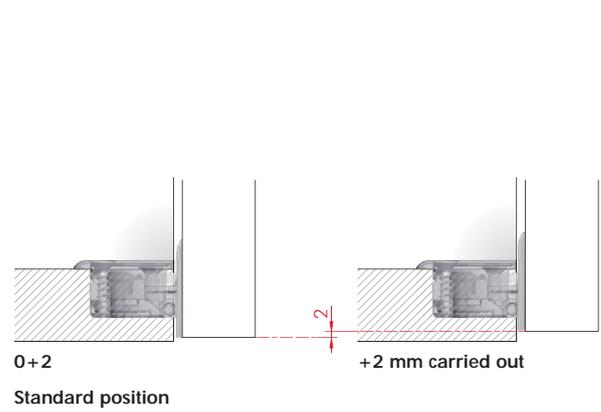
VERTICAL ADJUSTMENT 0+2 mm - DOOR OPEN

⚠ TO BE MADE BEFORE LOCKING SCREW OPERATION ⚠

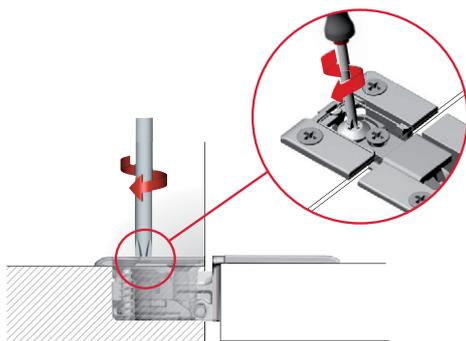


VERTICAL ADJUSTMENT 0+2 mm - DOOR CLOSED

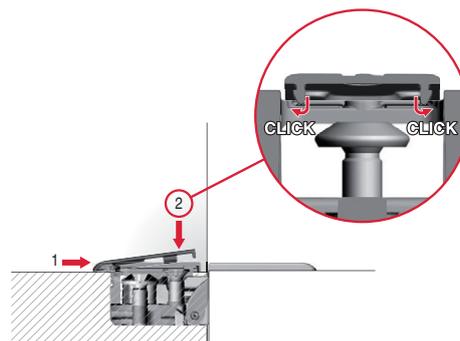
⚠ TO BE MADE BEFORE LOCKING SCREW OPERATION ⚠



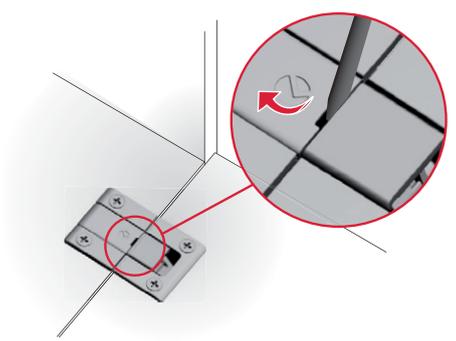
LOCKING SCREW

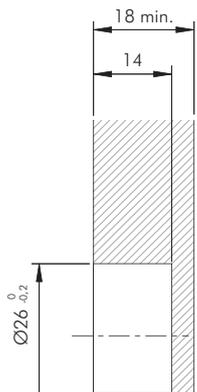


COVER CAP INSERTION

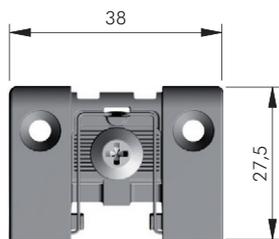
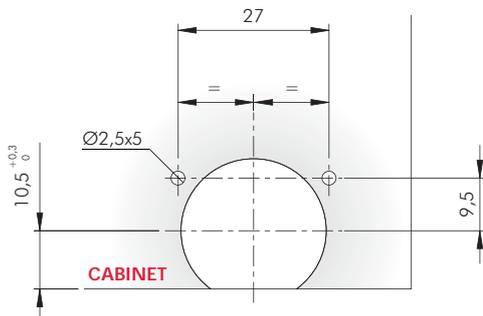


COVER CAP REMOVAL





NOTE: For panel thickness lower than 18 mm, refer to "KIMANA ADAPTERS".

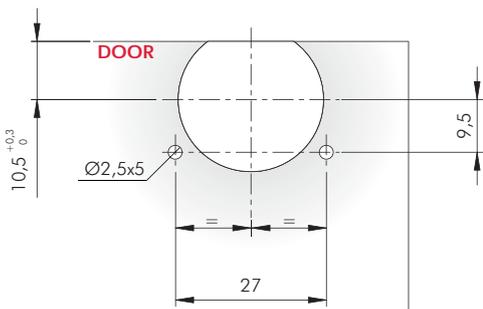
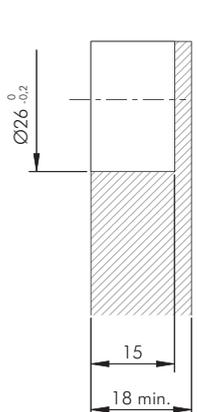
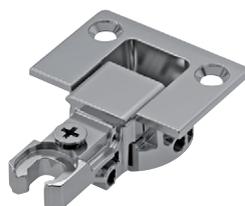
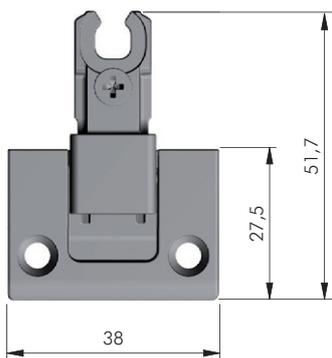


= 150 pcs.

40120000**YA**

40120000**HX**

40120000**YQ**



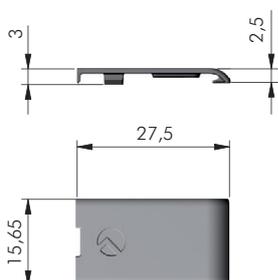
NOTE: For panel thickness lower than 18 mm, refer to "KIMANA ADAPTERS".

= 150 pcs.

40120010**YA**

40120010**HX**

40120010**YQ**



= 150 pcs.

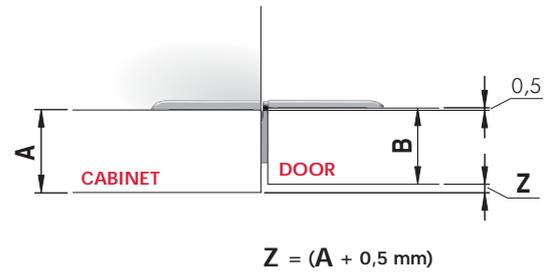
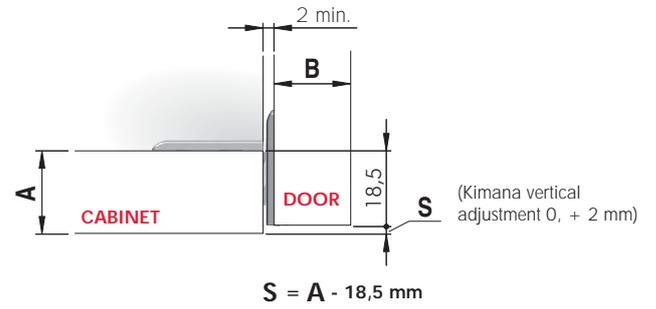
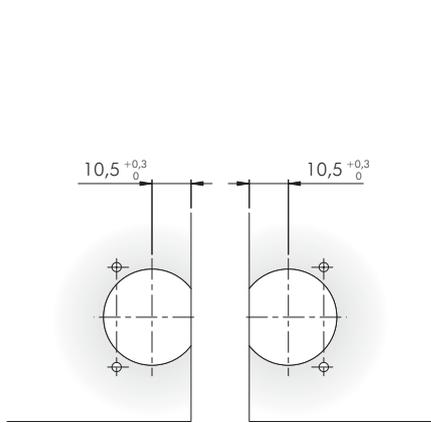
40120040**YA**

40120040**HX**

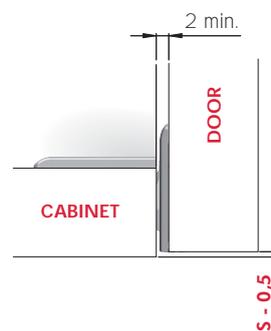
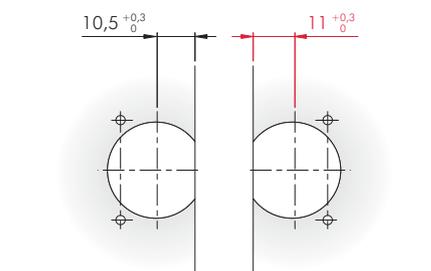
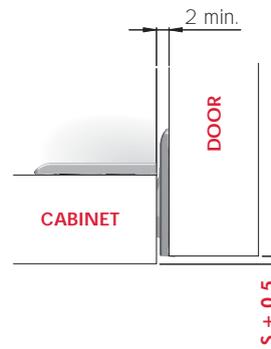
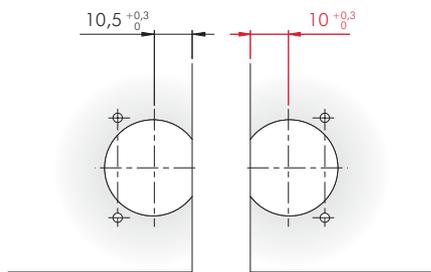
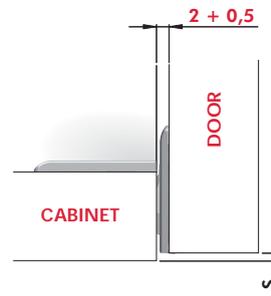
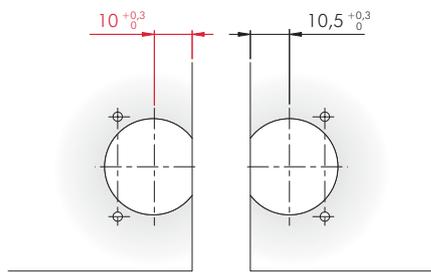
40120040**YQ**



STANDARD CONDITION



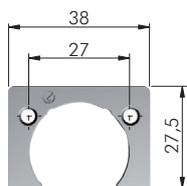
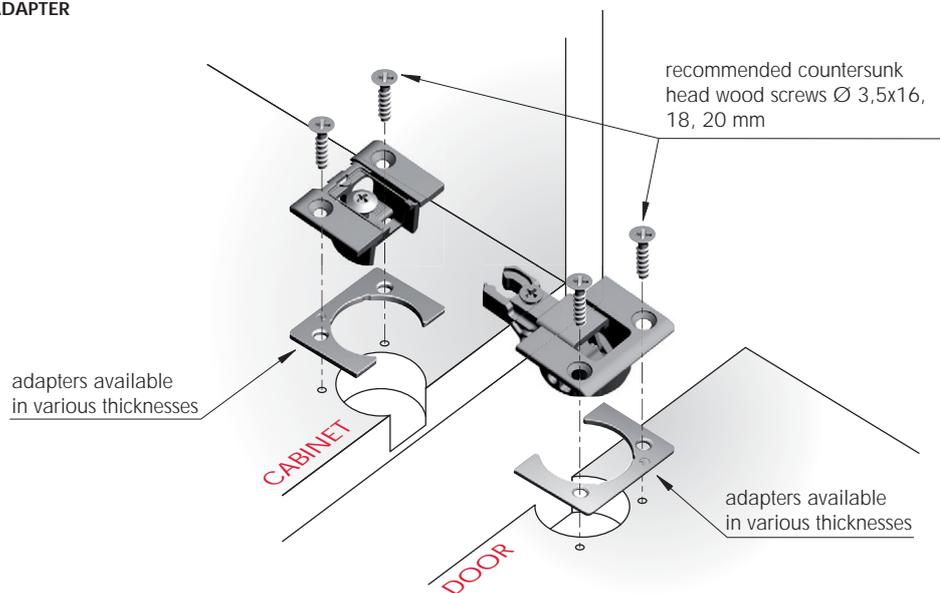
SPECIAL DRILLING PLAN TO MANAGE OVERLAY AND GAP BETWEEN DOOR AND CABINET





KIMANA ADAPTERS

INSTALLATION WITH ADAPTER



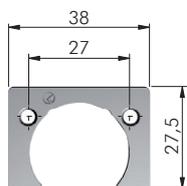
ZA



= on request



40115320YA



ZA



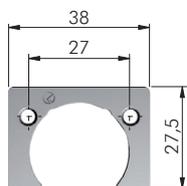
= on request



40115340YA

40115340HX

40115340YQ



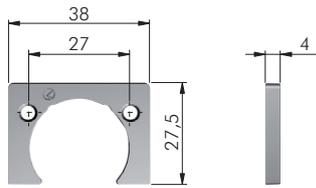
ZA



= on request



40115360YA

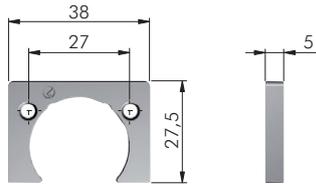


ZA

= on request



40115400YA



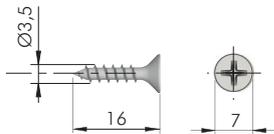
ZA

= on request



40115440YA

FIXING ACCESSORY FOR BOTH KIMANA AND ADAPTERS PART NO. 40115320



= Ø 2,5 mm



= PZ2

ST

= 10.000 pcs.

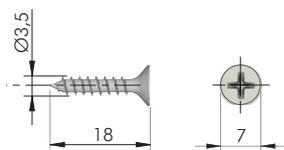


60101390YA

60101390HX

60101390WI

FIXING ACCESSORY FOR KIMANA ADAPTERS PART NO. 40115340 - 40115360



= Ø 2,5 mm



= PZ2

ST

= 10.000 pcs.



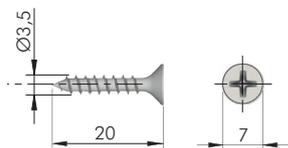
60101400YA

60101400HX

60101400WI



FIXING ACCESSORY FOR KIMANA ADAPTER PART NO. 40115400 - 40115440



= Ø 2,5 mm +

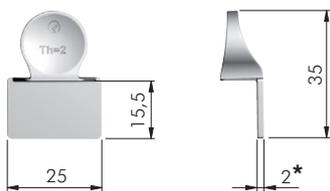
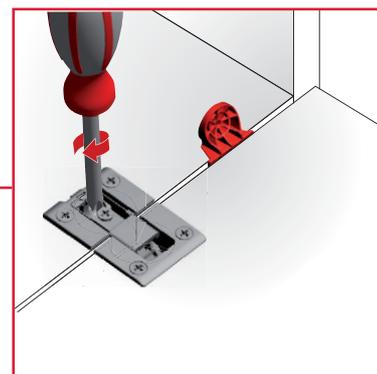
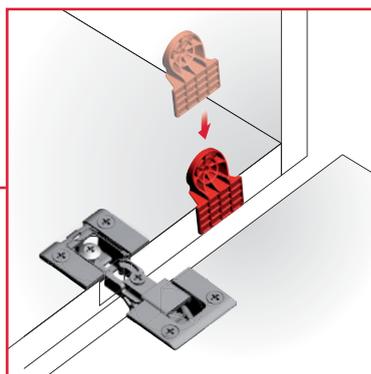
= PZ2

= 10.000 pcs.

123

60101410YA

DOOR ALIGNMENT SPACER FOR KIMANA HINGES



= on request

123

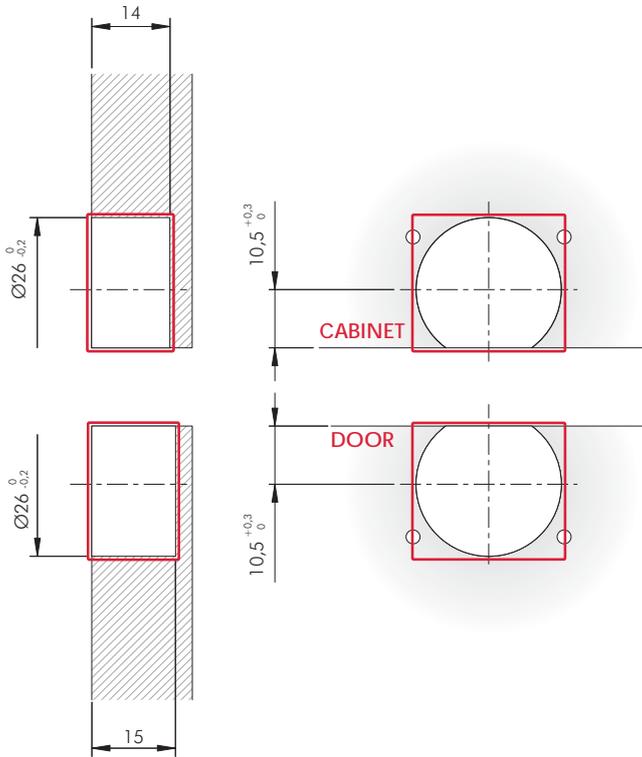
40115630RO

2 pcs featured in each polybag.

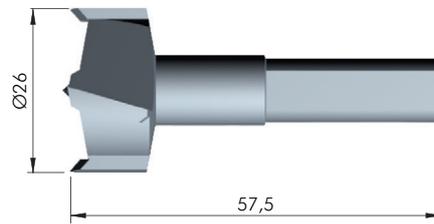
* For non-standard drilling plans 1,5, 2,5, 3 and 4 mm spacers are also available.

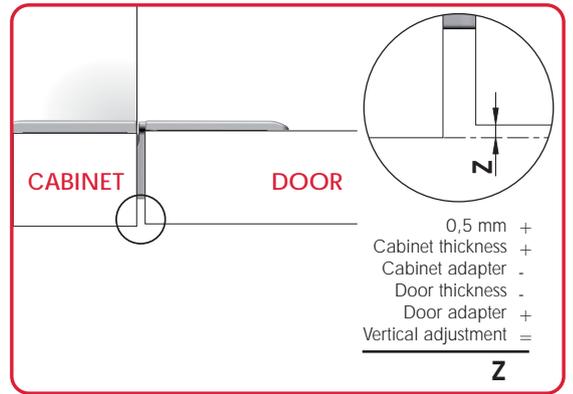
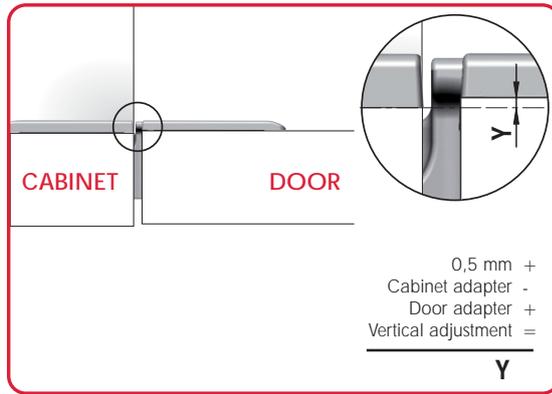
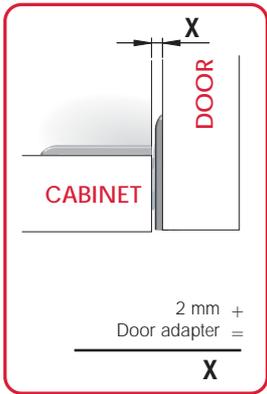


DRILL BIT FOR KIMANA



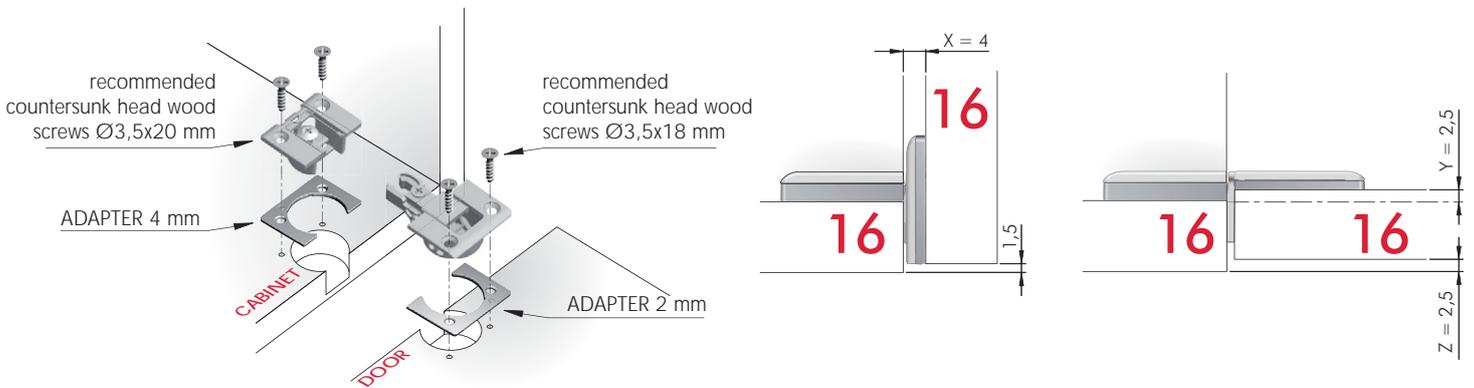
HSS	 = on request
 123	
6270101000	





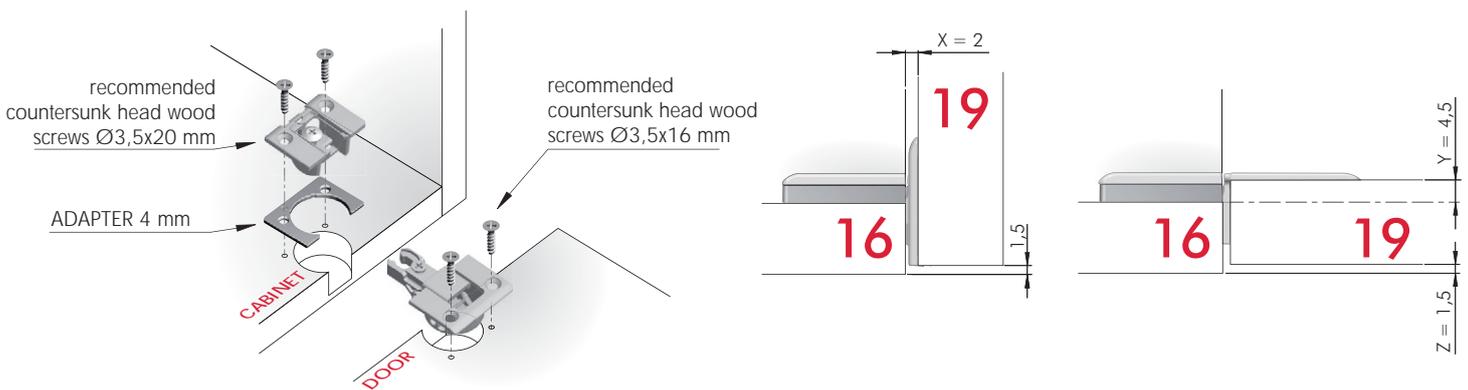
CABINET 16 mm WITH ADAPTER 4 mm THICK - DOOR 16 mm WITH ADAPTER 2 mm THICK

0 + 2 mm FURTHER VERTICAL ADJUSTMENT



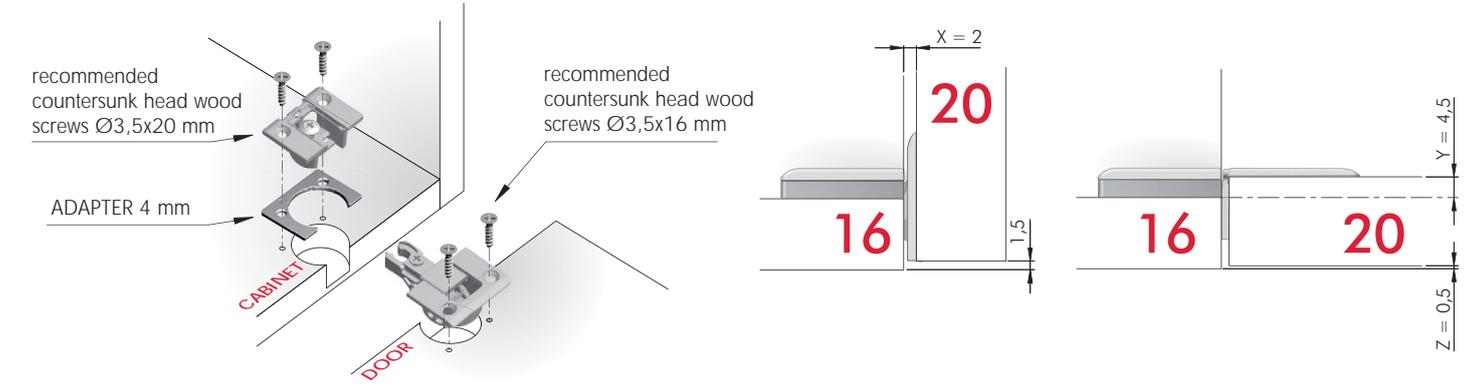
CABINET 16 mm WITH ADAPTER 4 mm THICK - DOOR 19 mm WITHOUT ADAPTER

0 + 2 mm FURTHER VERTICAL ADJUSTMENT



CABINET 16 mm WITH ADAPTER 4 mm THICK - DOOR 20 mm WITHOUT ADAPTER

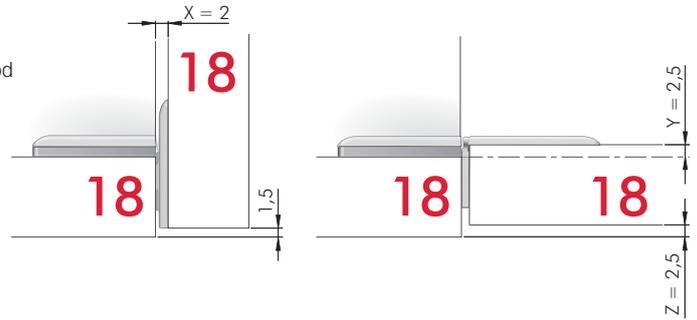
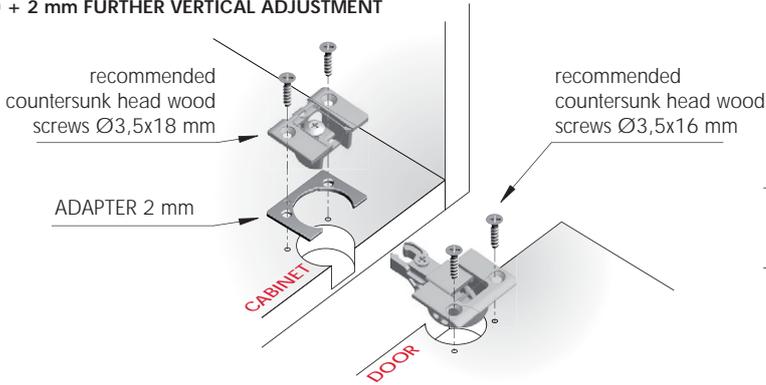
0 + 2 mm FURTHER VERTICAL ADJUSTMENT





CABINET 18 mm WITH ADAPTER 2 mm THICK - DOOR 18 mm WITHOUT ADAPTER

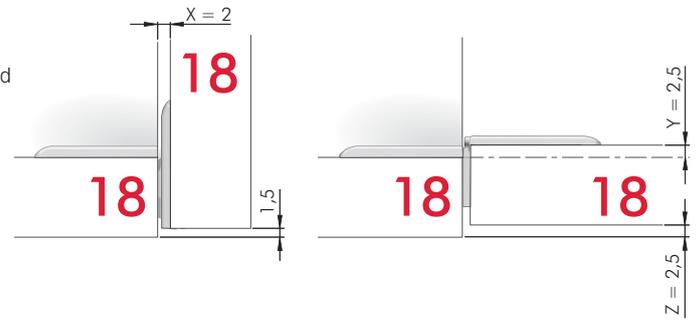
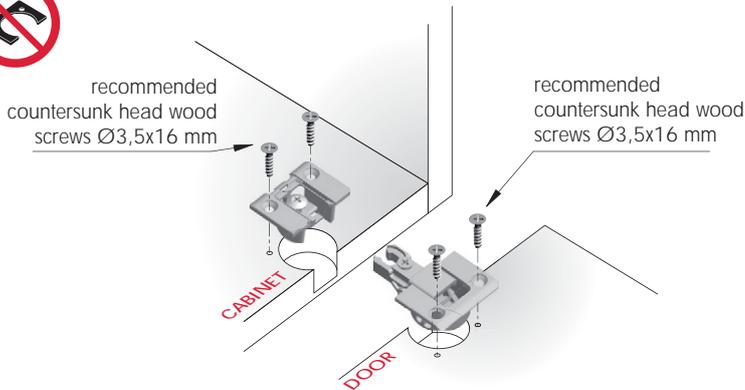
0 + 2 mm FURTHER VERTICAL ADJUSTMENT



CABINET 18 mm WITHOUT ADAPTER - DOOR 18 mm WITHOUT ADAPTER

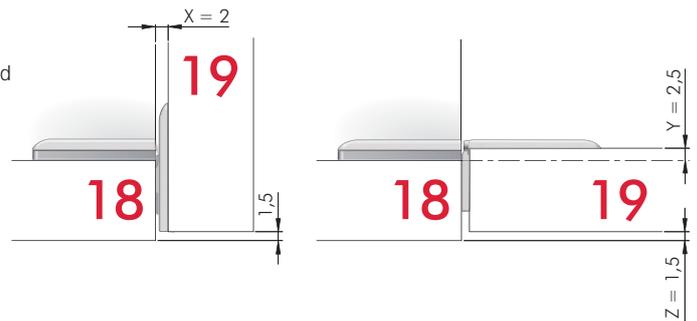
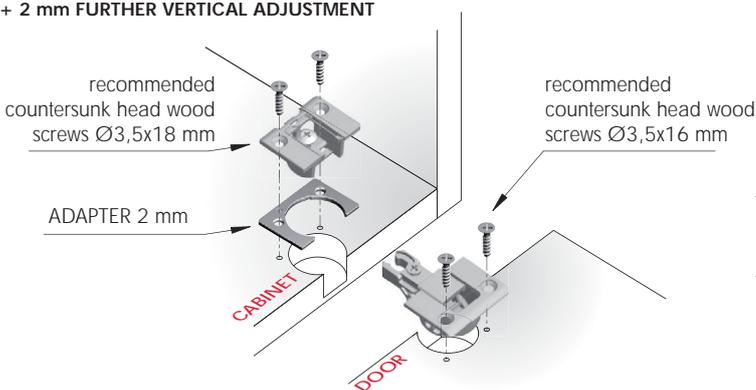


WITH VERTICAL ADJUSTMENT + 2 mm CARRIED OUT



CABINET 18 mm WITH ADAPTER 2 mm THICK - DOOR 19 mm WITHOUT ADAPTER

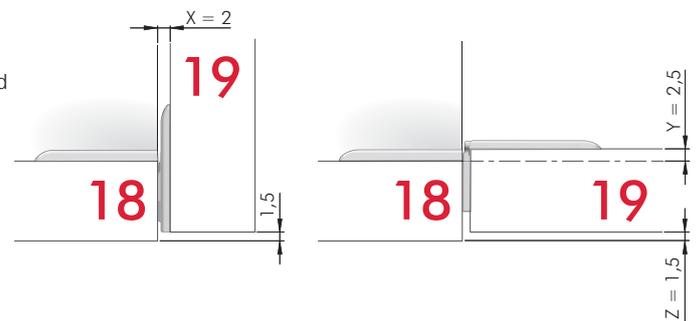
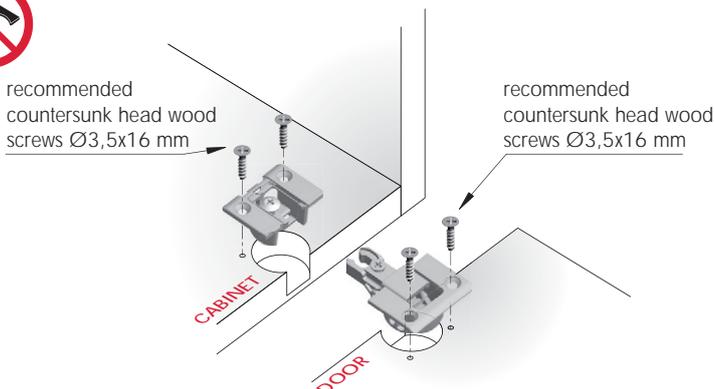
0 + 2 mm FURTHER VERTICAL ADJUSTMENT



CABINET 18 mm WITHOUT ADAPTER - DOOR 19 mm WITHOUT ADAPTER



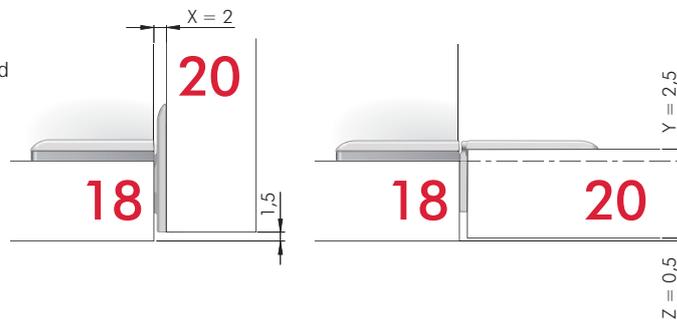
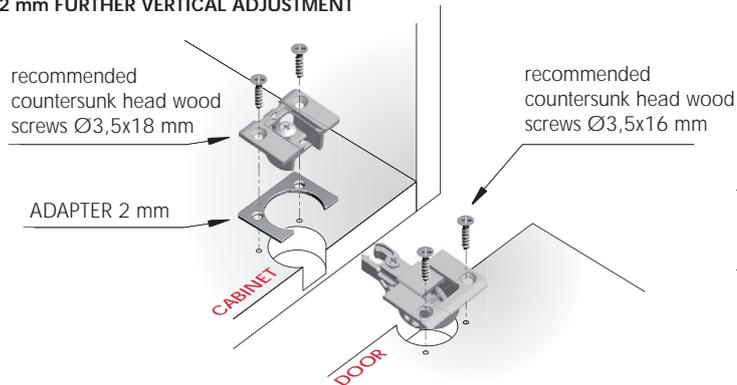
WITH VERTICAL ADJUSTMENT + 2 mm CARRIED OUT





CABINET 18 mm WITH ADAPTER 2 mm THICK - DOOR 20 mm WITHOUT ADAPTER

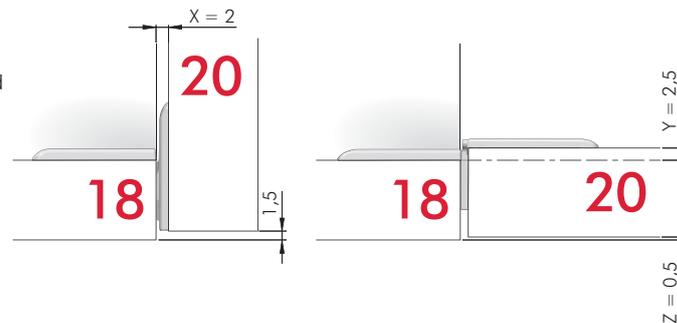
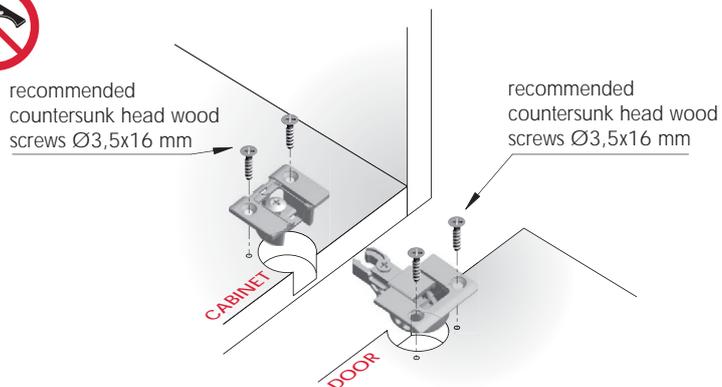
0 + 2 mm FURTHER VERTICAL ADJUSTMENT



CABINET 18 mm WITHOUT ADAPTER - DOOR 20 mm WITHOUT ADAPTER

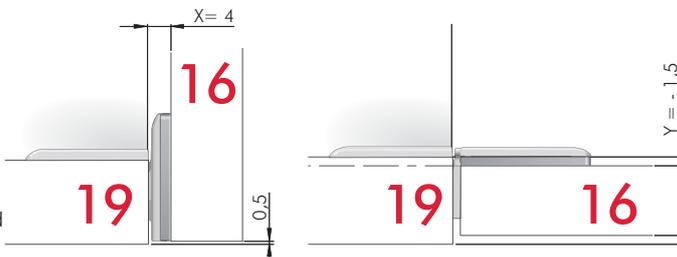
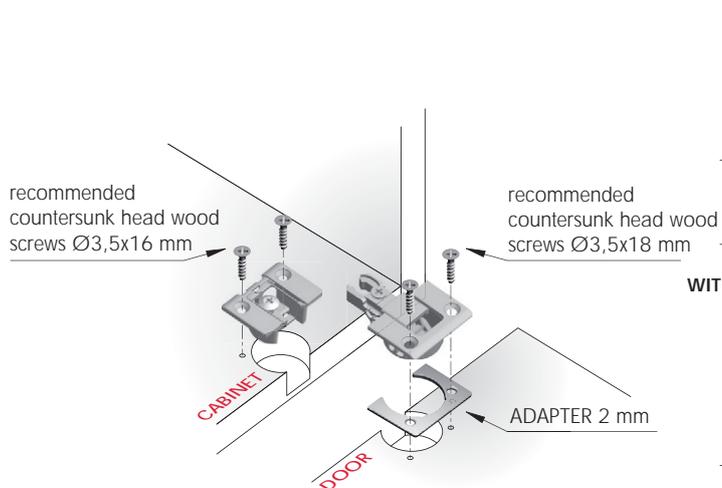


WITH VERTICAL ADJUSTMENT + 2 mm CARRIED OUT

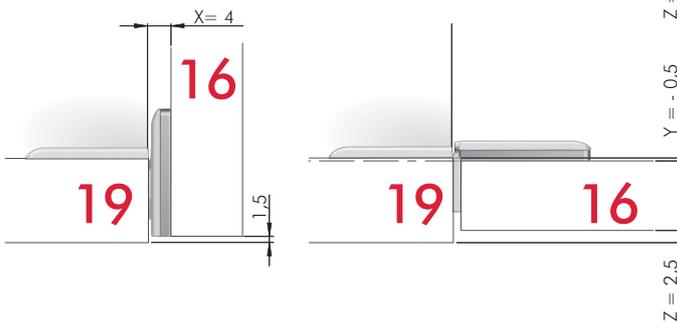


CABINET 19 mm WITHOUT ADAPTER - DOOR 16 mm WITH ADAPTER 2 mm THICK

0 + 2 mm FURTHER VERTICAL ADJUSTMENT

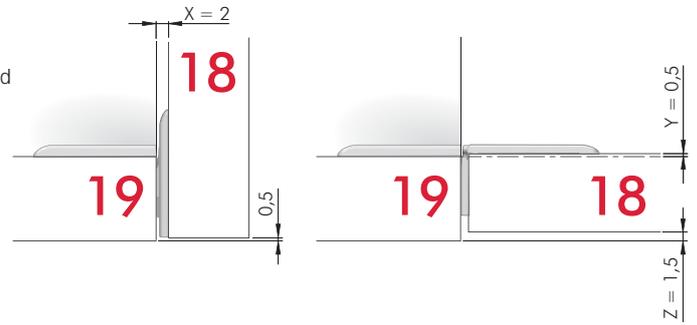
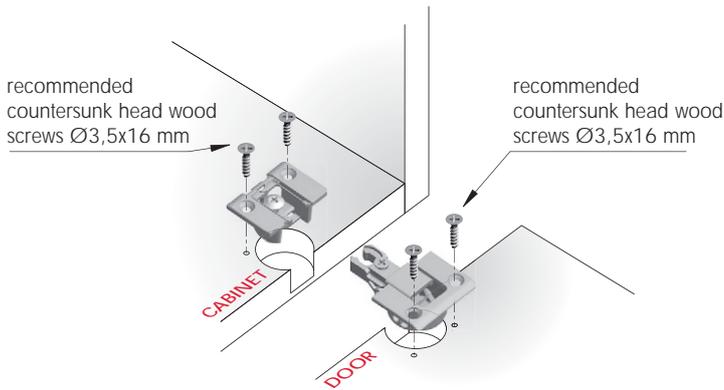


WITH VERTICAL ADJUSTMENT + 1 mm CARRIED OUT

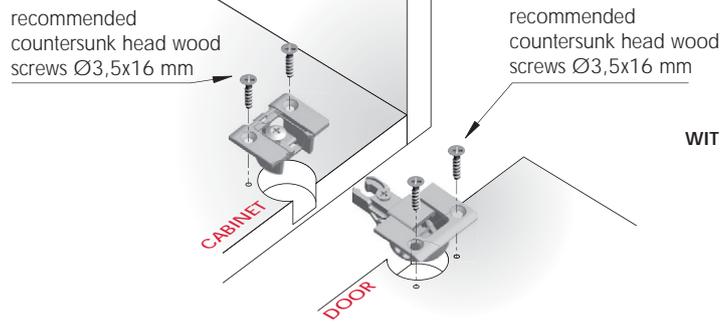




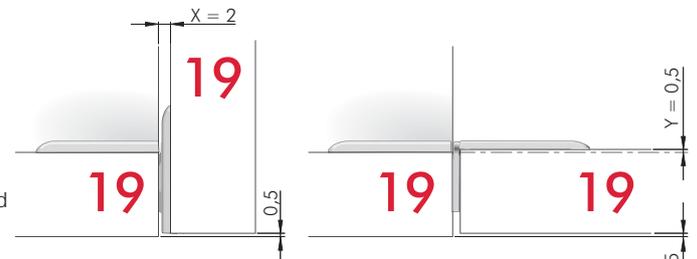
CABINET 19 mm WITHOUT ADAPTER - DOOR 18 mm WITHOUT ADAPTER



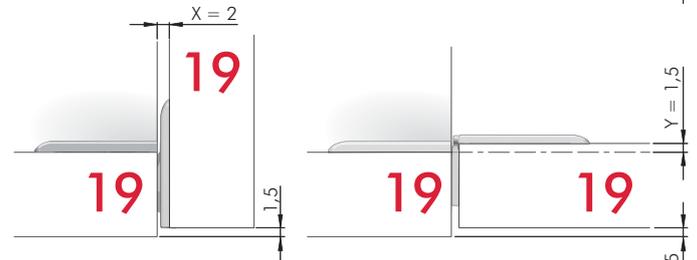
CABINET 19 mm WITHOUT ADAPTER - DOOR 19 mm WITHOUT ADAPTER



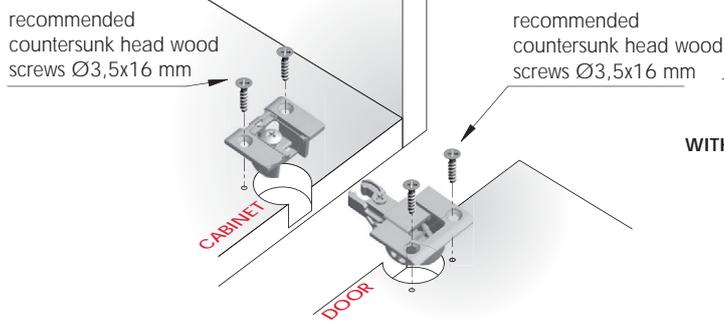
0 + 2 mm FURTHER VERTICAL ADJUSTMENT



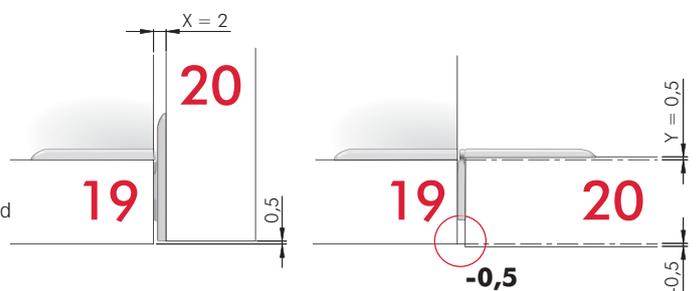
WITH VERTICAL ADJUSTMENT + 1 mm CARRIED OUT



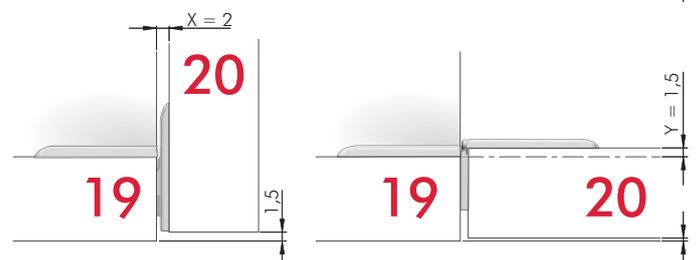
CABINET 19 mm WITHOUT ADAPTER - DOOR 20 mm WITHOUT ADAPTER



0 + 2 mm FURTHER VERTICAL ADJUSTMENT



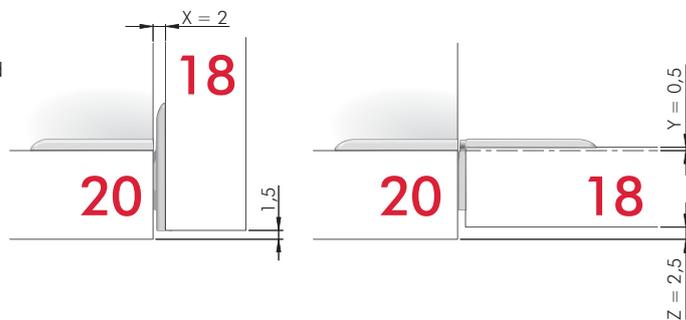
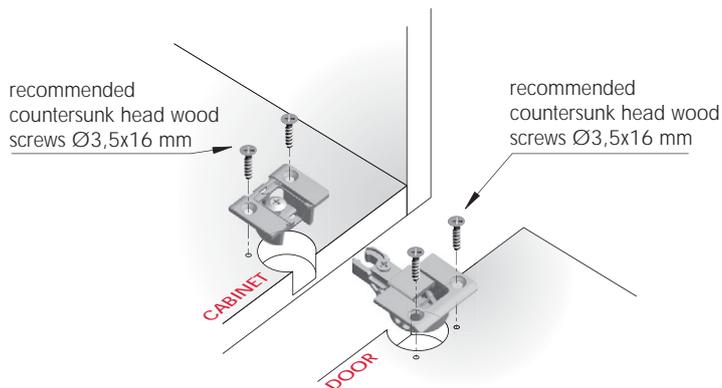
WITH VERTICAL ADJUSTMENT + 1 mm CARRIED OUT





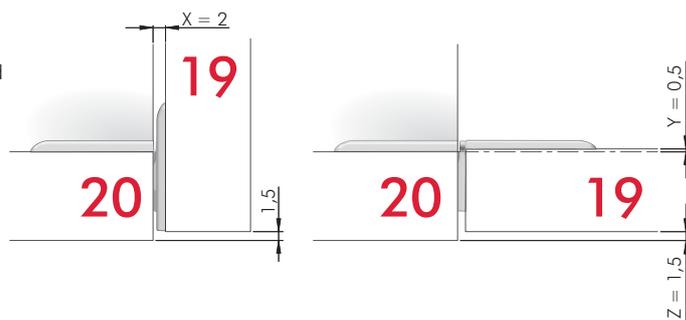
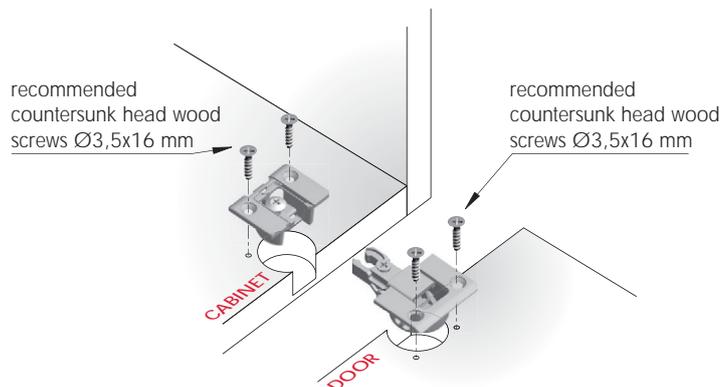
CABINET 20 mm WITHOUT ADAPTER - DOOR 18 mm WITHOUT ADAPTER

0 + 2 mm FURTHER VERTICAL ADJUSTMENT



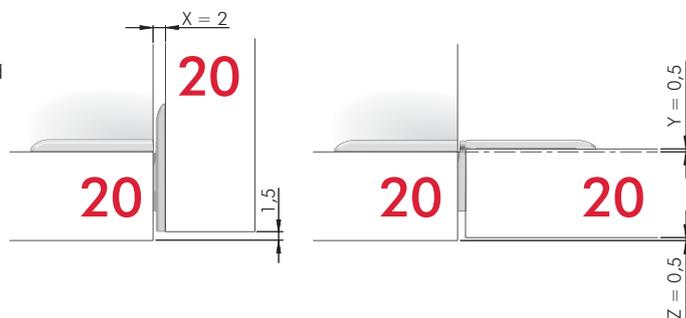
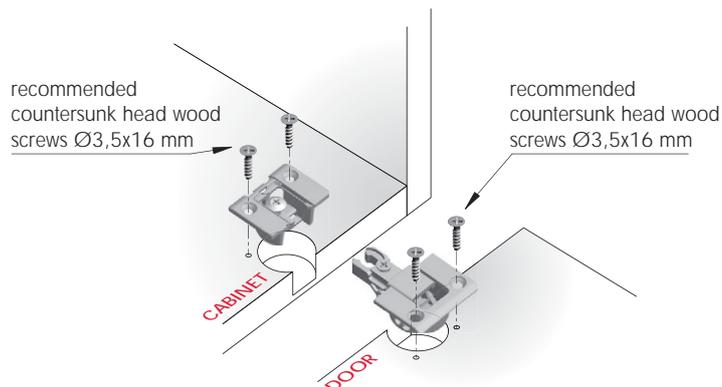
CABINET 20 mm WITHOUT ADAPTER - DOOR 19 mm WITHOUT ADAPTER

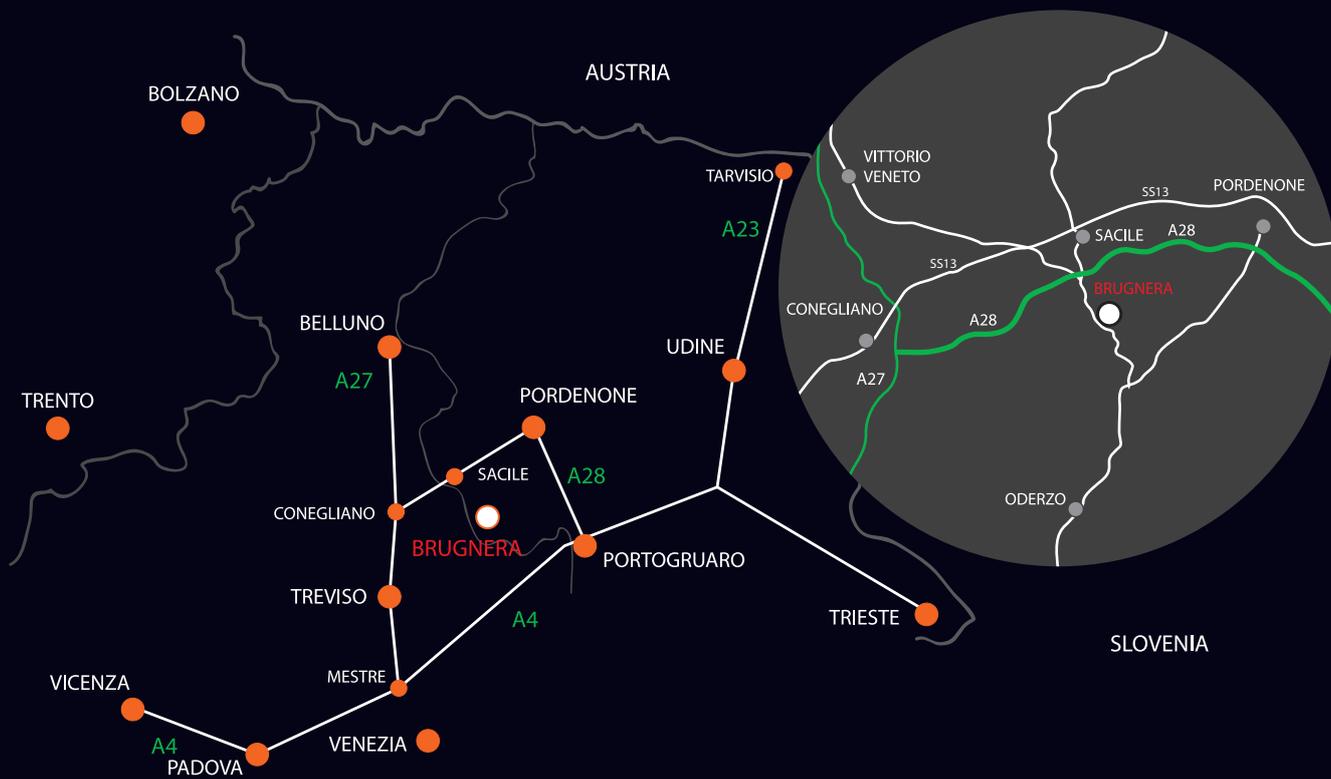
0 + 2 mm FURTHER VERTICAL ADJUSTMENT



CABINET 20 mm WITHOUT ADAPTER - DOOR 20 mm WITHOUT ADAPTER

0 + 2 mm FURTHER VERTICAL ADJUSTMENT





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