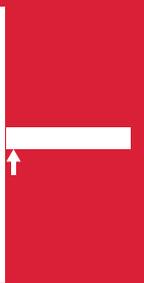


Triade Mini



WOOD AND
GLASS
SHELVING
SYSTEMS



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

TRIADE MINI

TRIADE MINI is the concealed mounting bracket for shelves 25 mm thick. It has been conceived to simplify the shelf installation. It is provided with three independent adjustments:

1) VERTICAL

Before installing the shelf, the mounting brackets can be adjusted in height and (vertically) aligned through the slots.

2) HORIZONTAL

While placing the shelf in position, the supporting pins can be slid horizontally.

3) INCLINATION

When the shelf is partially inserted, the shelf angle can be adjusted front to back by turning the supporting pins with a 12mm open-ended wrench.

The capacity loading is 4,5Kg each (shelf weight included) for a shelf max 200mm deep.

Shelf minimum depth: 165mm

Zinc alloy and steel

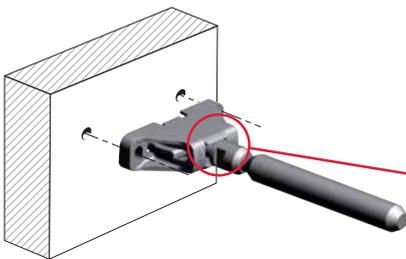
25 mm min. 

4,5 kg for each shelf support
for shelf 200 mm deep 

PAT. PENDING 

INSTALLATION AND ADJUSTMENTS

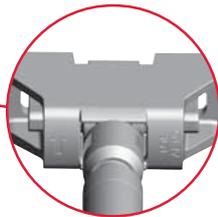
WOOD PANEL



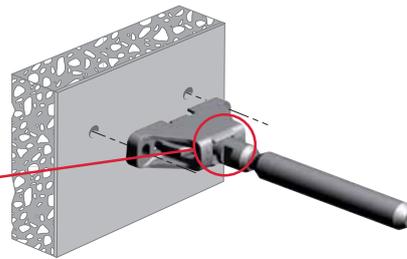
Recommended fixing pan head screw type - head Ø 5 mm max.

VERY IMPORTANT

Triade Mini has to be installed with the arrow facing upwards.



SOLID AND PLASTERBOARD PANEL

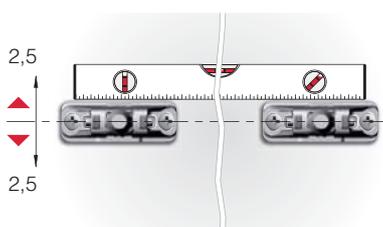


It is the responsibility of the customer:

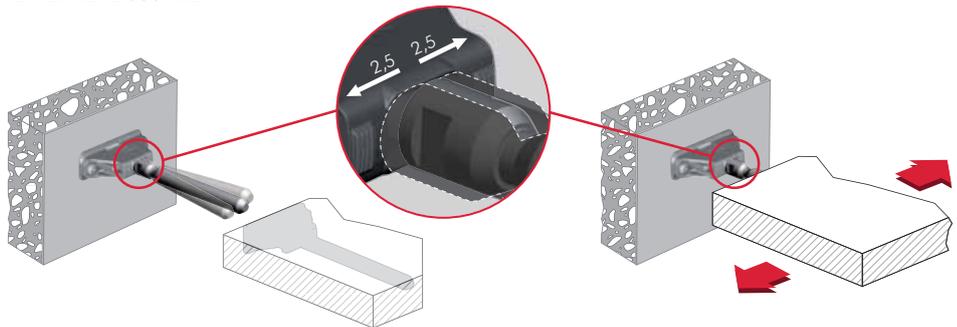
- to ensure the wall is of a suitable quality to hold the shelf fixing in place.
- to use the proper hardware fittings according to the construction of the wall.

For more specific information, please refer to the WARNINGS section at the end of the catalogue.

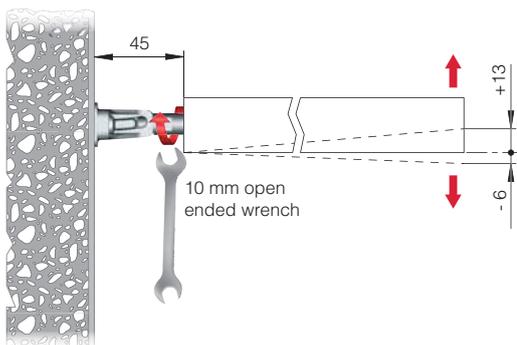
BRACKET ALIGNMENT



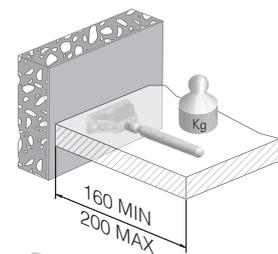
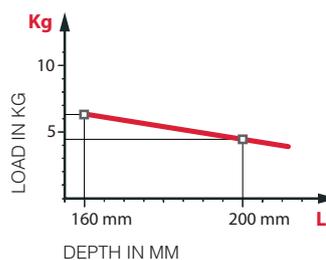
LATERAL ADJUSTMENT



INCLINATION ADJUSTMENT

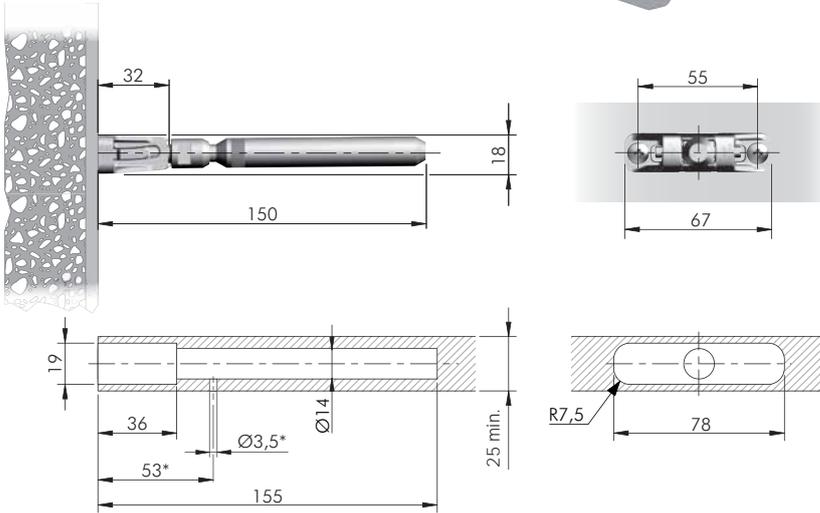


COMBINATION SHELF LOAD AND SHELF DEPTH (The figures refer to 1 shelf support)



+ shelf weight = 4,5 kg MAX
for each shelf support

For installation details refer to "APPLICATION FOR ALL TRIADE VERSIONS"

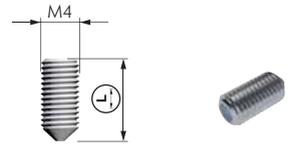
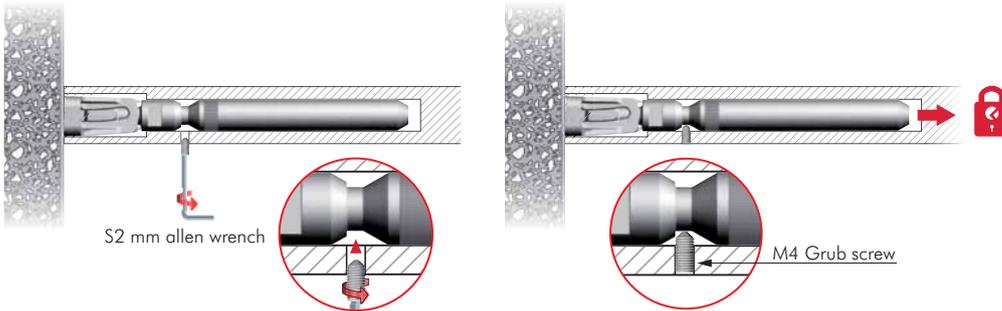


= PZ2
 = open ended wrench 10 mm

 = 50 pcs.

123
 1621401000

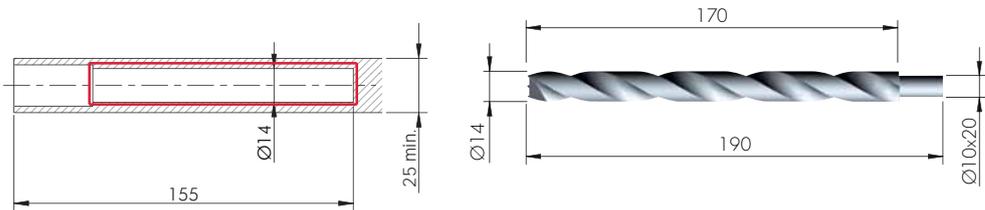
* Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity.



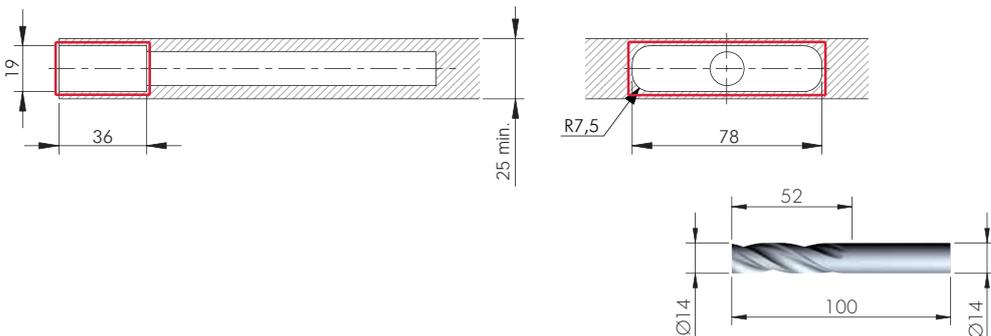
= S2 mm

 = 100 pcs.
 123
 8
 25
 21105170ZN

DRILL BIT FOR TRIADE MINI



 = on request
 123
 1621452000



 = on request
 123
 1621454000

TRIADE MINI AND BRACKET

BRACKET FOR TRIADE MINI with pin Ø 8mm is a valid complement to the concealed shelf support Triade Mini for shelves 25mm thick. It is strongly recommended to be used in combination with the Triade Mini for shelves over 200mm deep, in order to improve the shelf support capacity loading, by evenly distributing the shelf load on the wall through a pin. The Ø 8mm pin allows to reduce the load taken by the two fixing screws. The capacity loading is 10Kg each (shelf weight included) for a shelf max 300mm deep.

Shelf minimum depth: 165mm

Zinc alloy and steel

25 mm min.

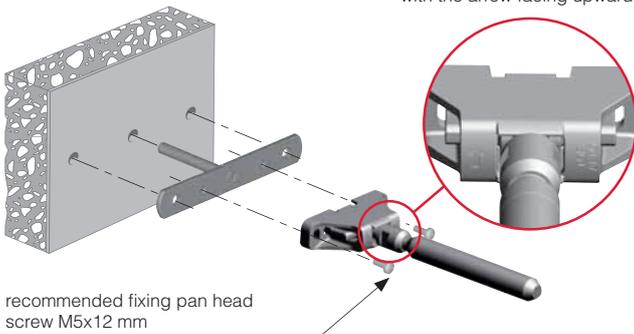
10 kg for each shelf support for shelf 300 mm deep

PAT. PENDING

INSTALLATION

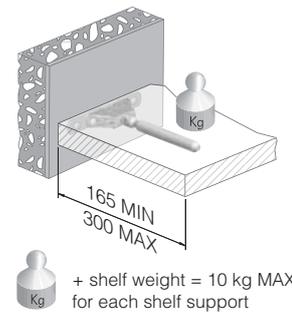
SOLID AND PLASTERBOARD PANEL

VERY IMPORTANT
Triade Mini has to be installed with the arrow facing upwards.



It is the responsibility of the customer:
- to ensure the wall is of a suitable quality to hold the shelf fixing in place.
- to use the proper hardware fittings according to the construction of the wall.
For more specific information, please refer to the WARNINGS section at the end of the catalogue.

COMBINATION SHELF LOAD AND SHELF DEPTH (The figures refer to 1 shelf support)



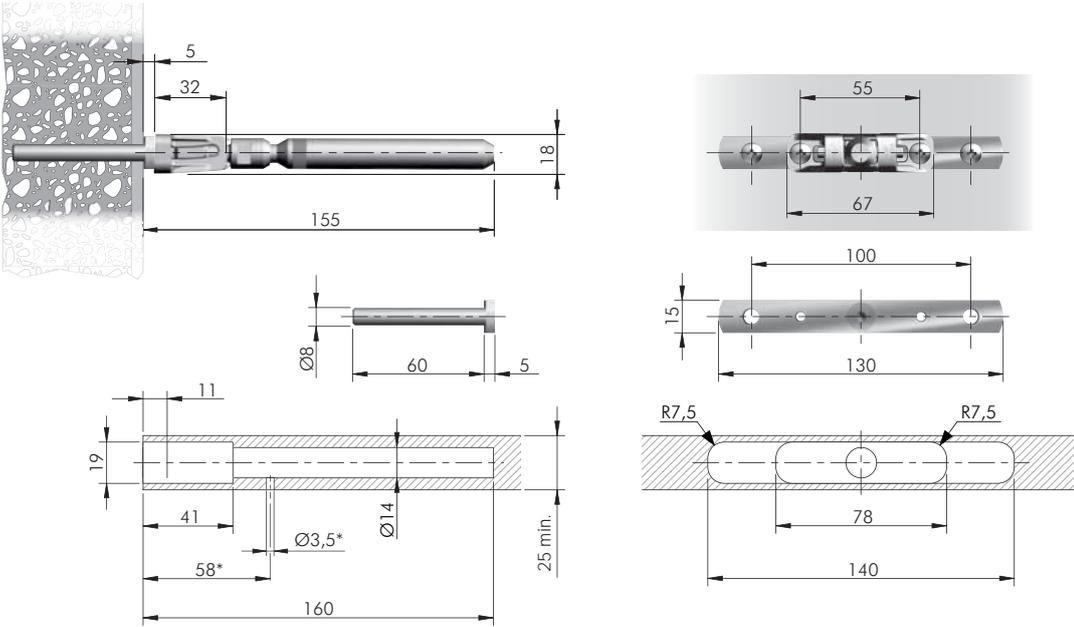
VERY IMPORTANT
- The capacity loading data stated in the chart refers to Triade Mini used in combination with the related wall bracket.

- It is strongly recommended to use the triade mini in combination with the related wall bracket, otherwise Italiana Ferramenta will not be held responsible for any failure.



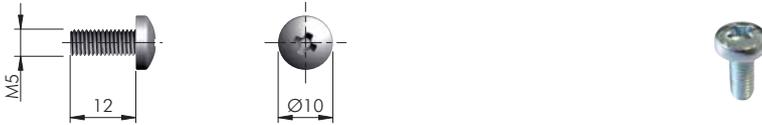
= PH2	= open ended wrench 10 mm
ZA	ST
= 50 pcs.	
1621401000	

= M5	
ST	= 100 pcs.
16215040ZN	



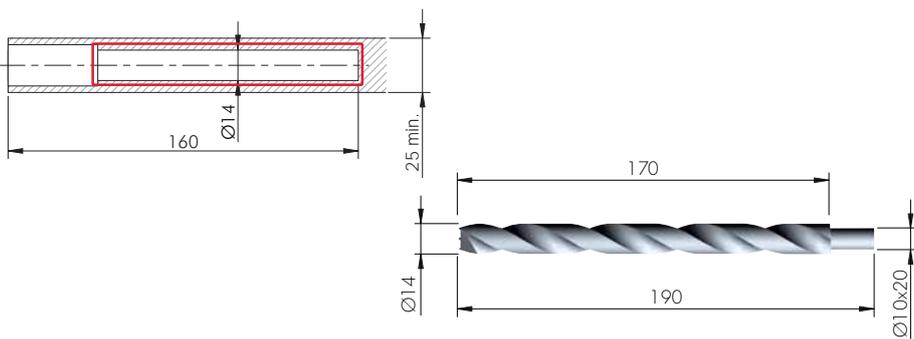
* Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity. For details refer to Triade Mini section.

TRIADE MINI BRACKET FIXING ACCESSORY

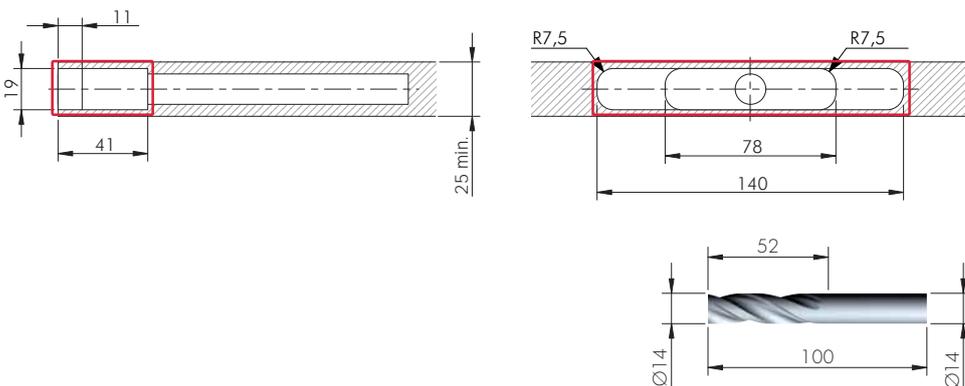


= M5	= PZ2	
ST	= 1000 pcs.	
123 60334030ZIN		

DRILL BIT FOR TRIADE MINI AND BRACKET



HSS	= on request
123 1621452000	

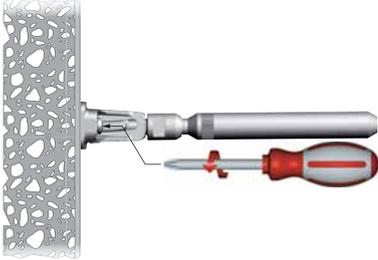


HSS	= on request
123 1621454000	

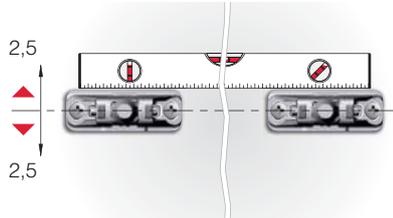
APPLICATION FOR ALL TRIADE VERSIONS

VERTICAL ADJUSTMENTS

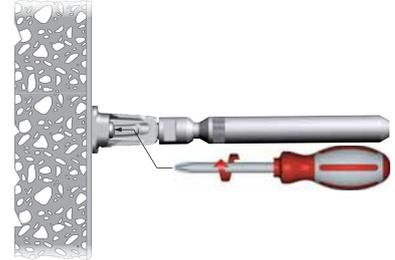
RELEASE THE FIXING SCREWS



ALIGN BRACKETS VERTICALLY ACCORDINGLY

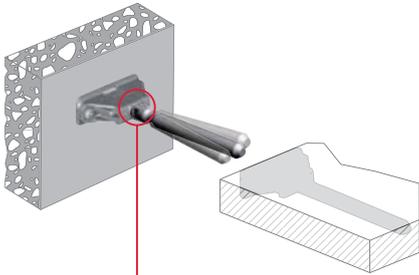


TIGHT THE FIXING SCREWS

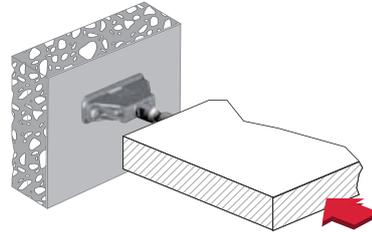


SHELF INSERTING AND LATERAL ADJUSTMENT

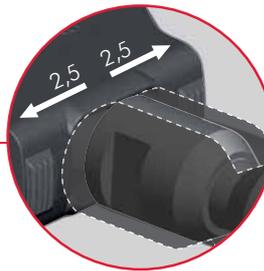
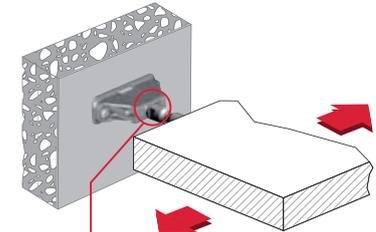
TILT THE SHELF TO MATCH BOTH SUPPORTING PINS AND SHELF HOUSINGS



INSERT PARTIALLY THE SHELF

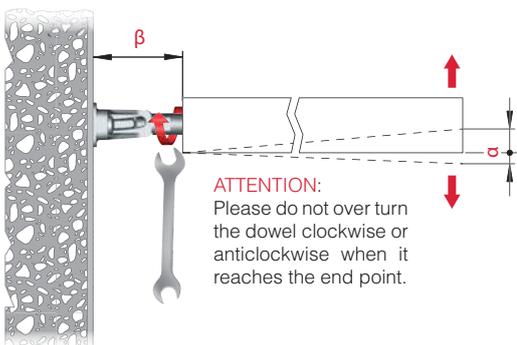


ADJUST THE SHELF LATERALLY ACCORDING TO THE APPLICATION (i.e. MULTI-SHELF COMPOSITION)



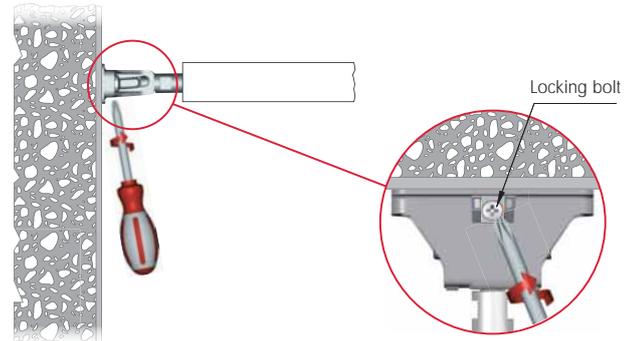
INCLINATION ADJUSTMENTS

TURN CLOCKWISE THE SUPPORTING PIN WITH A 10 - 12 mm OPEN-ENDED WRENCH TO ADJUST THE SHELF ANGLE FRONT TO BACK ACCORDINGLY



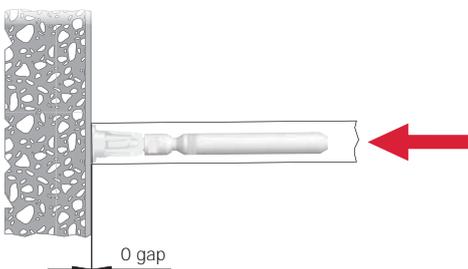
MODEL	β (mm)	α (mm)
TRIADE MINI	approx. 45	-6 +13
TRIADE	approx. 45	-6 +13
TRIADE MAXI	approx. 70	-8 +20
TRIADE XXL	approx. 70	-8 +20

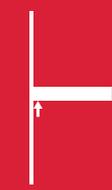
SCREW THE LOCKING BOLT TO BLOCK THE PIN



SHELF INSERTING FOR ALL TRIADE MODELS

PUSH THE SHELF AGAINST THE WALL UNTIL THE END



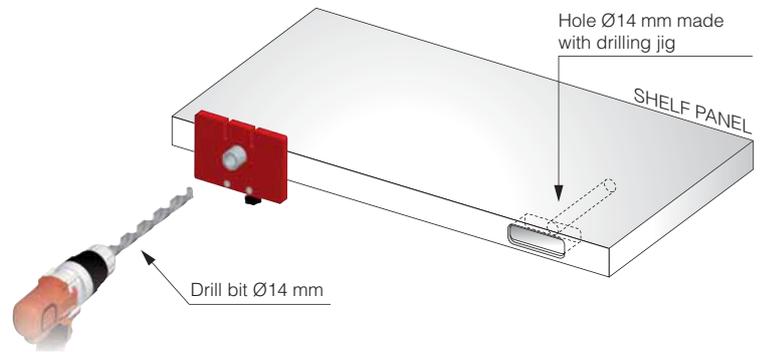
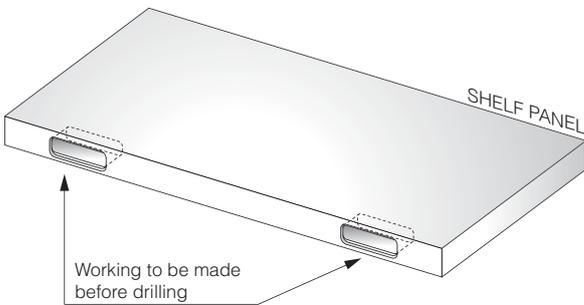


DRILLING JIG FOR TRIADE

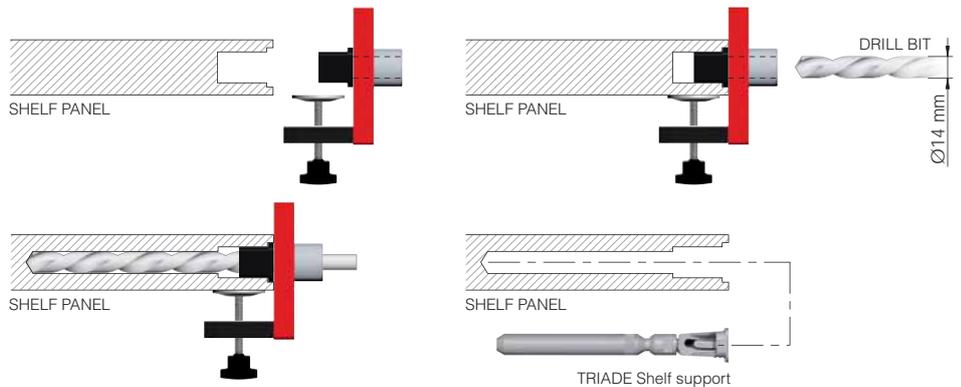
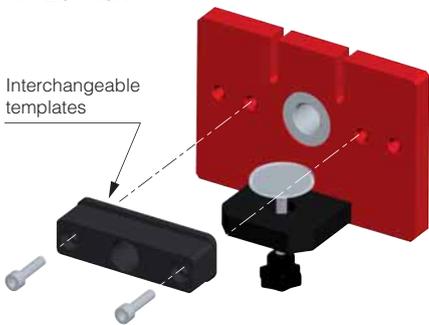


50 mm MAX

GENERAL SPECIFICATIONS



APPLICATION



TEMPLATES AVAILABLE

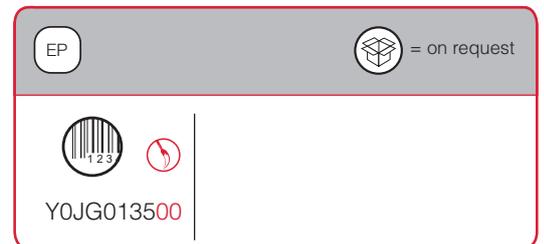
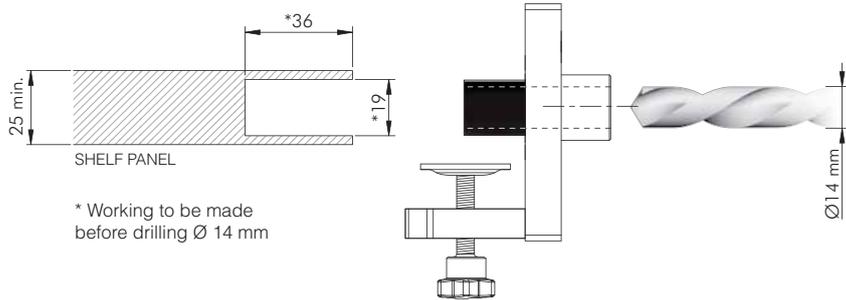
<p>TEMPLATE FOR TRIADE MINI Part no. Y0JG013500</p>	<p>TEMPLATE FOR TRIADE Part no. Y0JG013600</p>	<p>TEMPLATE FOR TRIADE MAXI Part no. Y0JG013700</p>	<p>TEMPLATE FOR TRIADE MINI AND TRIADE ALUMINIUM PROFILE Part no. Y0JG013800</p>	<p>TEMPLATE FOR TRIADE MAXI ALUMINIUM PROFILE Part no. Y0JG013900</p>
<p>Triade Mini Triade Mini and Bracket</p>	<p>Triade Triade and Bracket</p>	<p>Triade Maxi Triade Maxi and Bracket</p>	<p>Aluminium profile for Triade Mini and Triade Triade Mini Triade</p>	<p>Aluminium profile for Triade Maxi Triade Maxi</p>

TRIADE DRILLING JIG



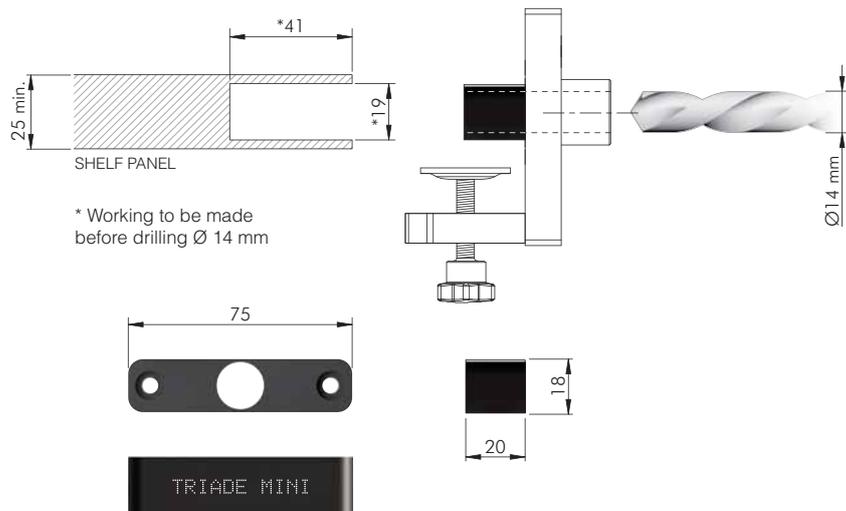
TRIADE DRILLING JIG TEMPLATES

TRIADE MINI DRILLING PLAN



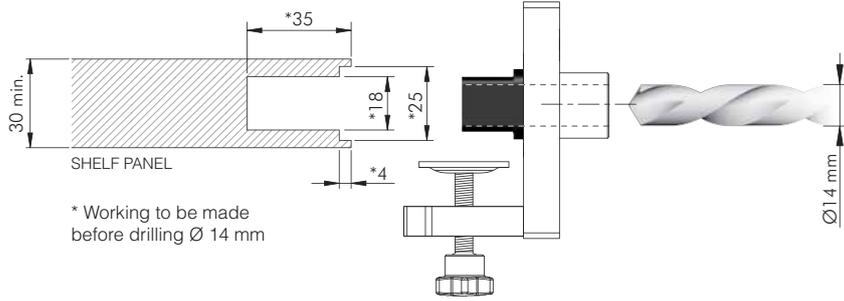
NOTE: The product code includes the fixing screws.

TRIADE MINI AND BRACKET DRILLING PLAN

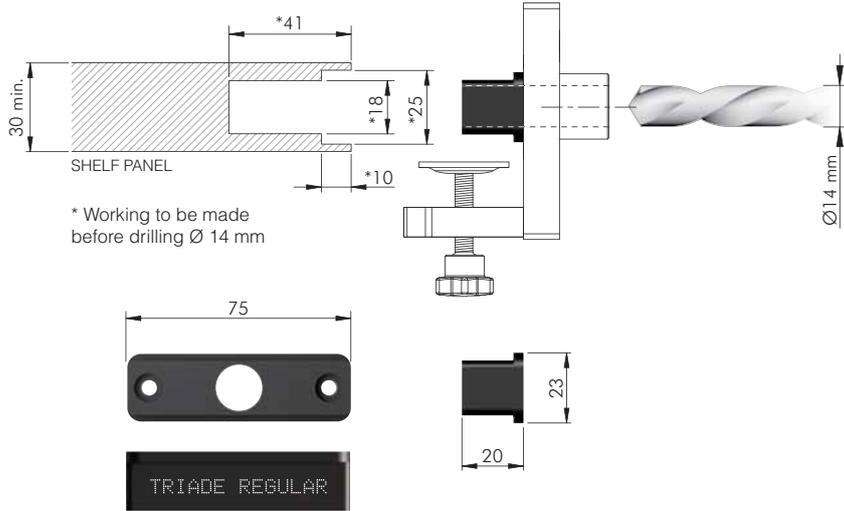




TRIADE DRILLING PLAN



TRIADE AND BRACKET DRILLING PLAN



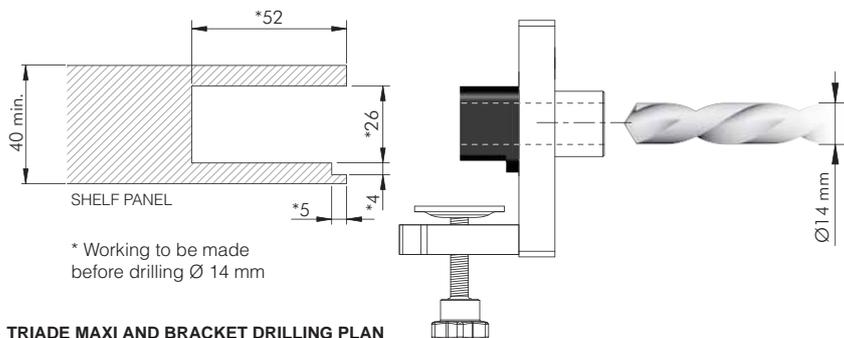
EP = on request

Y0JG013600

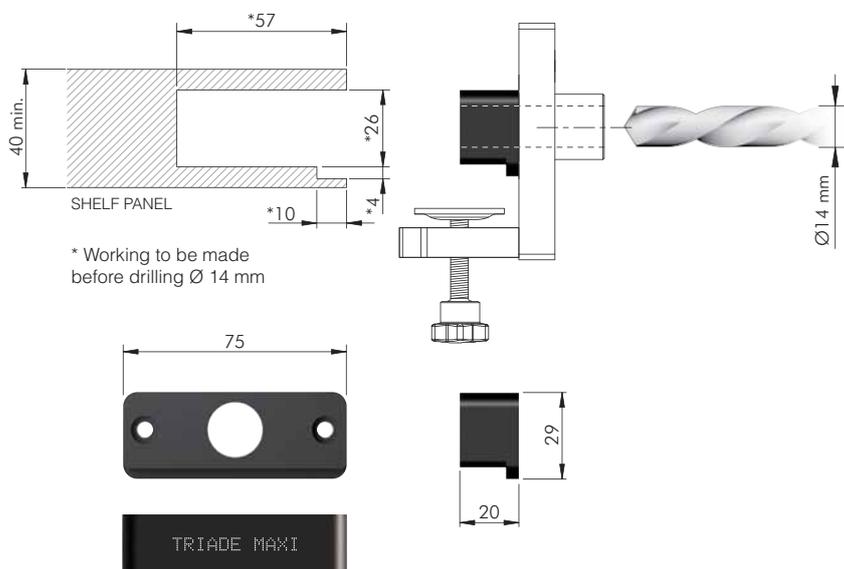
NOTE: The product code includes the fixing screws.



TRIADE MAXI DRILLING PLAN



TRIADE MAXI AND BRACKET DRILLING PLAN



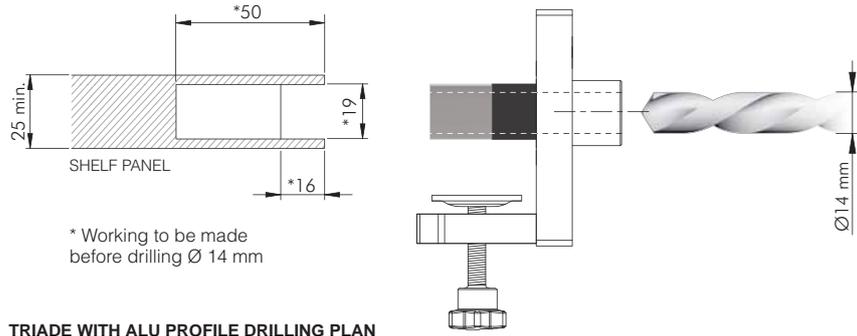
EP = on request

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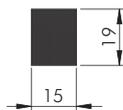
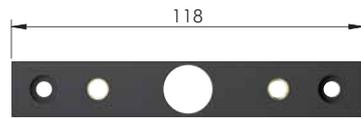
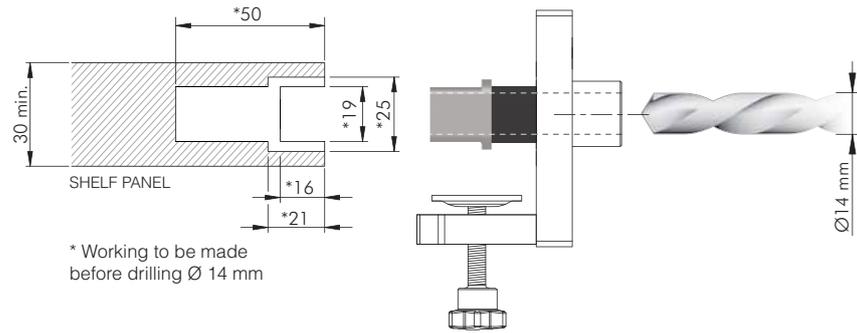
NOTE: The product code includes the fixing screws.



TRIADE MINI WITH ALU PROFILE DRILLING PLAN



TRIADE WITH ALU PROFILE DRILLING PLAN

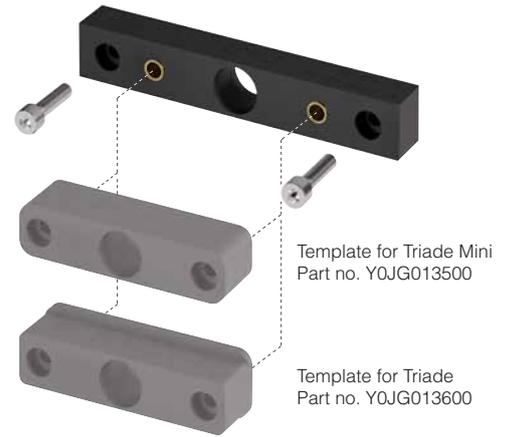


ALUMINIUM PROFILE TRIADE MINI
TRIARE REGULAR

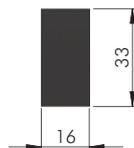
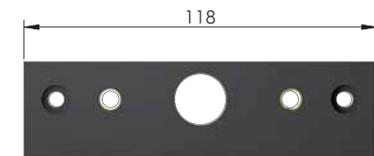
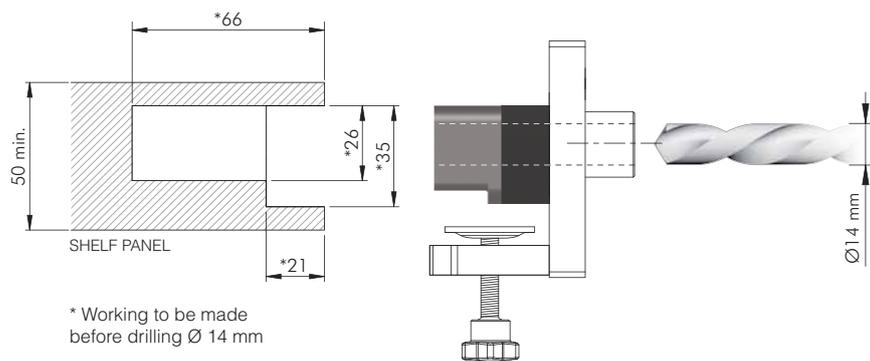
EP  = on request

 123 

Y0JG013800



TRIADE MAXI DRILLING PLAN

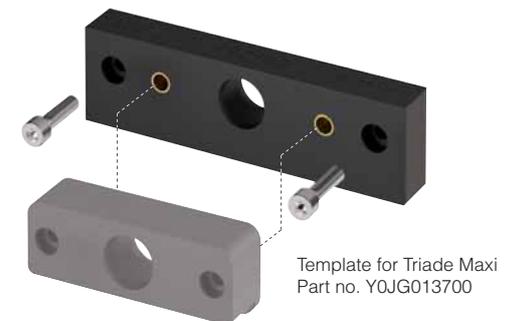


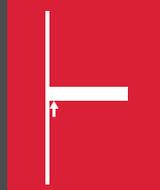
ALUMINIUM PROFILE TRIADE MAXI

EP  = on request

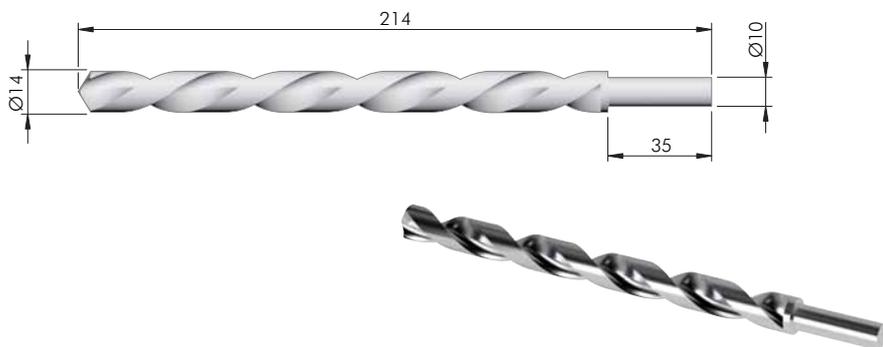
 123 

Y0JG013900





DRILL BIT



HSS = on request

Y0JG054000

NOTE: For drilling jig we recommend to use precision-ground steel drill bit HSS-G.

COMPLETE KIT DRILLING JIG FOR TRIADE

CONTENT OF THE CASE:

- | | |
|------------|------------|
| Part no. | Part no. |
| Y0JG0130RO | Y0JG0133RO |
| Y0JG0135RO | Y0JG054900 |
| Y0JG0136RO | Y0JG055000 |
| Y0JG0137RO | Y0JG054000 |
| Y0JG0138RO | Y0JG054100 |
| Y0JG0139RO | |



AL ST EP = on request

Y0JG0131RO

BASE KIT DRILLING JIG TRIADE AND DRILL BIT (only template for Triade Regular)

CONTENT OF THE CASE:

- | |
|------------|
| Part no. |
| Y0JG0130RO |
| Y0JG0136RO |
| Y0JG054000 |



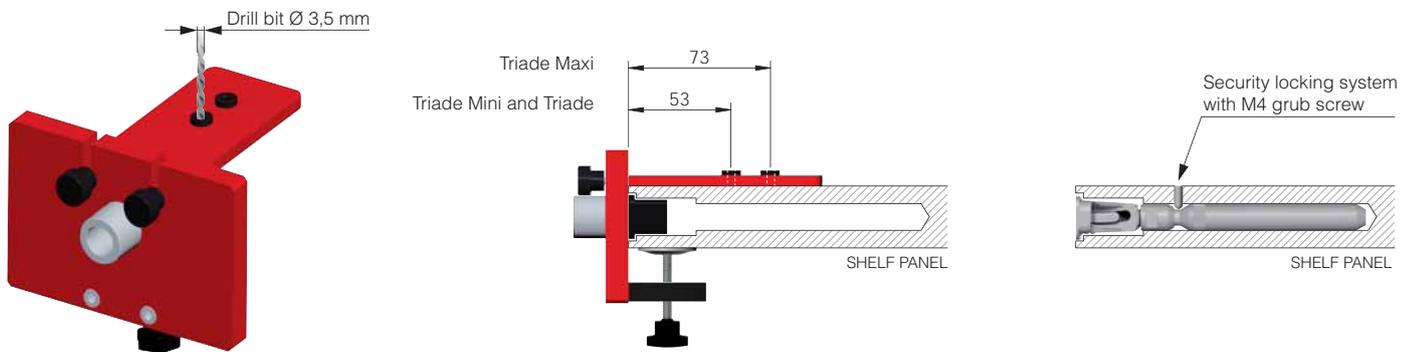
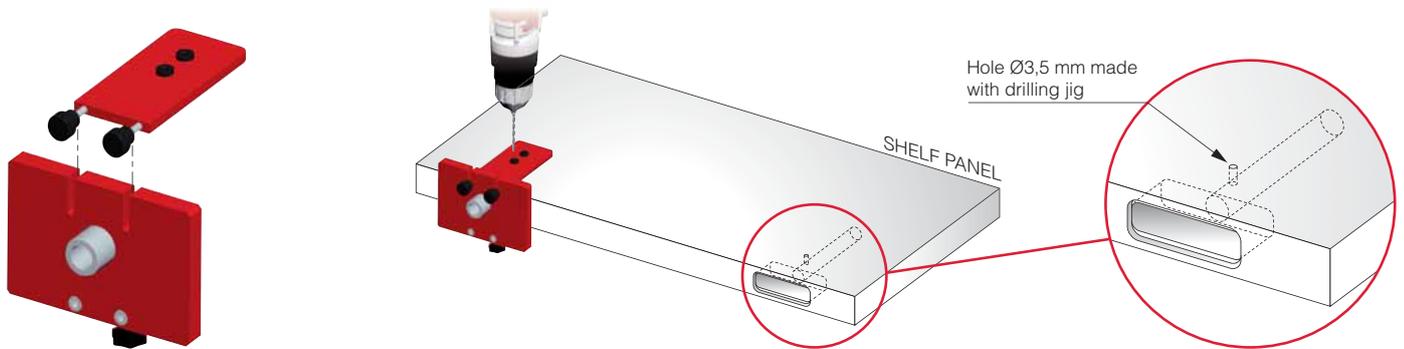
AL ST EP = on request

Y0JG0132RO

TRIADE DRILLING JIG INSERT FOR SECURITY LOCKING



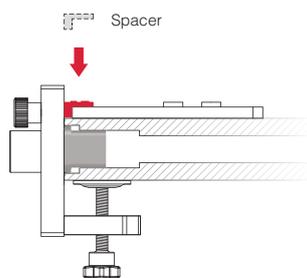
GENERAL SPECIFICATIONS



SPACERS AVAILABLE

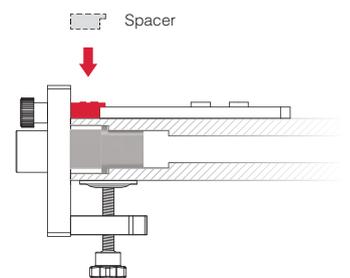
SPACER FOR TRIADE WALL BRACKETS

Part no. Y0JG054900



SPACER FOR TRIADE ALUMINIUM PROFILES

Part no. Y0JG055000



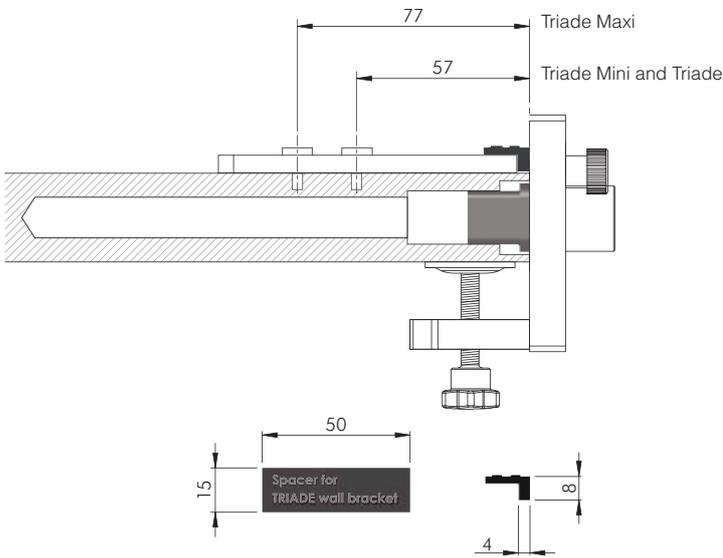


DRILLING JIG INSERT FOR SECURITY LOCKING

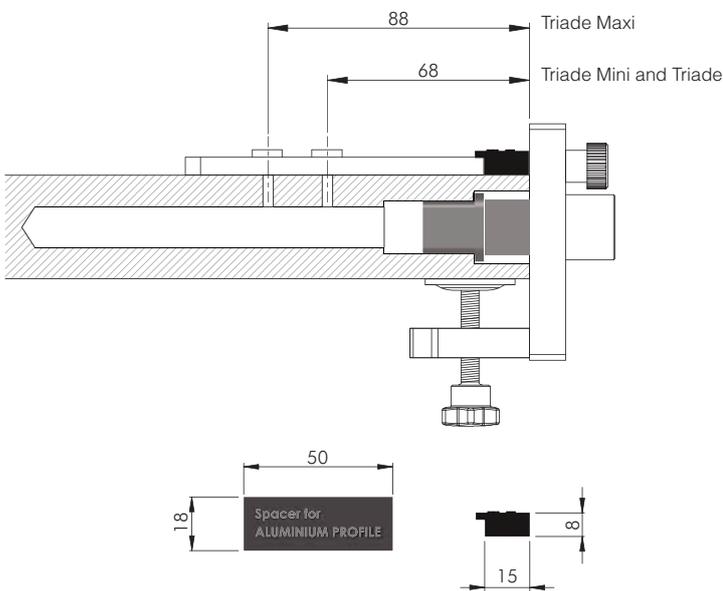


AL	ST	EP	= on request
Y0JG0133RO			

SPACERS FOR SECURITY LOCKING



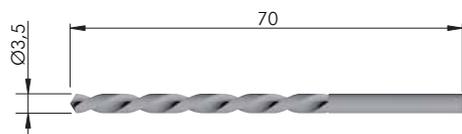
EP	= on request
Y0JG054900	



EP	= on request
Y0JG055000	



DRILL BIT



NOTE: For drilling jig we recommend to use precision-ground steel drill bit HSS-G.

COMPLETE SET DRILLING JIG FOR TRIADE

CONTENT OF THE CASE:

Part no.	Part no.
Y0JG0130RO	Y0JG0133RO
Y0JG0135RO	Y0JG054900
Y0JG0136RO	Y0JG055000
Y0JG0137RO	Y0JG054000
Y0JG0138RO	Y0JG054100
Y0JG0139RO	



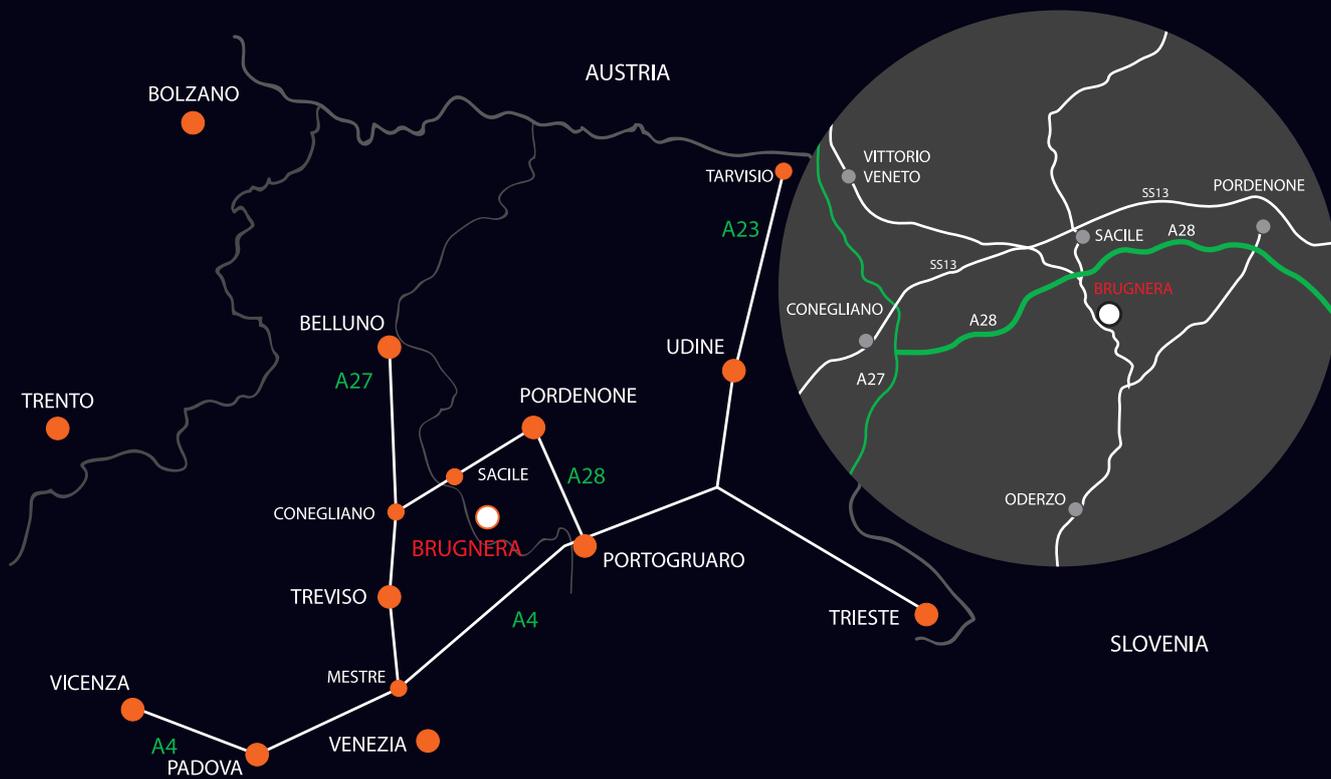
SET WITH DRILLING JIG TRIADE AND DRILL BIT Ø14 mm (only template for Triade Regular)

CONTENT OF THE CASE:

Part no.
Y0JG0130RO
Y0JG0136RO
Y0JG054000







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