



# Triade

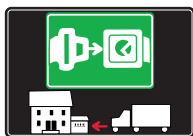
WOOD  
AND  
GLASS  
SHELVING  
SYSTEMS





# SYMBOLS AND FINISHES LEGEND

## SYMBOLS



= SHELF SAFELY LOCKED DURING  
TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= 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



= SELF ADHESIVE



= 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

**EPa** = Anthracite Engineering Plastic

**SRb** = Black Soft Rubber



## FINISHES



+ = OTHER FINISHES AVAILABLE ON REQUEST

| PART NO.  | FINISHES             | PART NO.  | FINISHES                 | PART NO.  | FINISHES                     |
|-----------|----------------------|-----------|--------------------------|-----------|------------------------------|
| <b>00</b> | Insignificant finish | <b>IF</b> | Middle Grey              | <b>RO</b> | Red                          |
| <b>AA</b> | Natural              | <b>IJ</b> | Light Grey               | <b>UT</b> | T-Met 9007                   |
| <b>AB</b> | White                | <b>IL</b> | Grey 20                  | <b>UZ</b> | T-Met                        |
| <b>AE</b> | White 9010           | <b>IN</b> | Grey met. 26             | <b>WA</b> | Bronzed                      |
| <b>EA</b> | Black                | <b>JB</b> | Bright Aluminium         | <b>WI</b> | Burnished                    |
| <b>EC</b> | Matt Black           | <b>JC</b> | Aluminium - Chrome       | <b>XD</b> | Satin-finished Steel         |
| <b>EE</b> | Anthracite           | <b>JD</b> | Matt Aluminium           | <b>YA</b> | Nickel-plated                |
| <b>EW</b> | Grey 9007            | <b>JE</b> | Satin-finished Aluminium | <b>YB</b> | Bright Nickel-plated         |
| <b>FU</b> | Gunmetal             | <b>JF</b> | Aluminium - Brass        | <b>YC</b> | Matt Nickel-plated           |
| <b>FV</b> | Gunmetal V52         | <b>JG</b> | Aluminium 5              | <b>YD</b> | Satin-finished Nickel-plated |
| <b>GR</b> | Raw                  | <b>JL</b> | Aluminium PE 11          | <b>YQ</b> | Black Nickel                 |
| <b>HA</b> | Brass-Plated         | <b>JM</b> | Aluminium RAL 9006       | <b>Z9</b> | Black Zinc                   |
| <b>HH</b> | Tropicalized         | <b>KA</b> | Chrome                   | <b>ZA</b> | Zinc alloy                   |
| <b>HL</b> | Raw Brass            | <b>KB</b> | Bright Chrome            | <b>ZN</b> | Zinc-plated                  |
| <b>HX</b> | Graphite             | <b>KC</b> | Matt Chrome              | <b>ZQ</b> | Bright Gold                  |
| <b>IA</b> | Grey                 | <b>LD</b> | Brown 8019               | <b>ZY</b> | Titanium                     |
| <b>IB</b> | Metallic Grey        | <b>NN</b> | Metallic Beige           | <b>ZZ</b> | Clear                        |

## TRIADE

TRIADE is the concealed mounting bracket for shelves 30 to 40 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 10 mm open-ended wrench.

The capacity loading is 15 Kg each (shelf weight included) for a shelf max 300 mm deep.  
The minimum shelf depth required is 160mm.

### ADDITIONAL BENEFITS DUE TO SECURITY LOCKING FEATURE

- Simple additional drilling.
- Small diameter hole in the shelf (only Ø 3,5 mm).
- Multiple assembly and disassembly of the shelf.
- Suitable for all thicknesses.
- Tested on plywood, mdf and chipboard.

30-40 mm



15 kg for each shelf support  
for shelf 300 mm deep

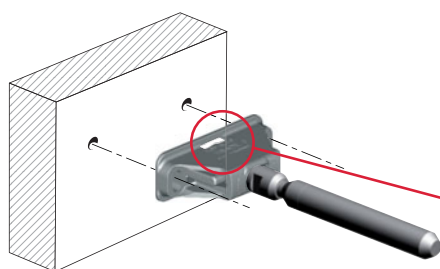


PAT. PENDING



### INSTALLATION AND ADJUSTMENTS

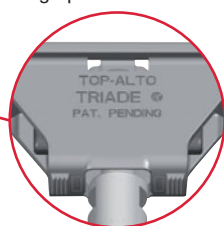
#### WOOD PANEL



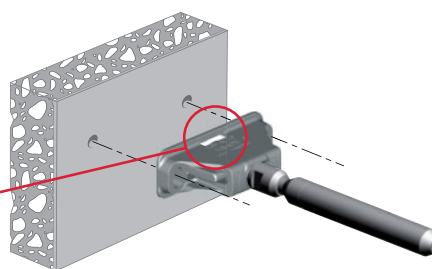
Recommended fixing pan head  
screw type - head Ø 5 mm max.

#### VERY IMPORTANT

Triade has to be installed with  
the writing "TOP - ALTO"  
facing upwards.



#### SOLID AND PLASTERBOARD PANEL

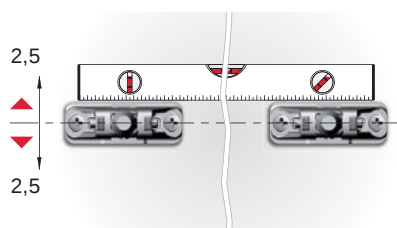


It is the responsibility of the customer:

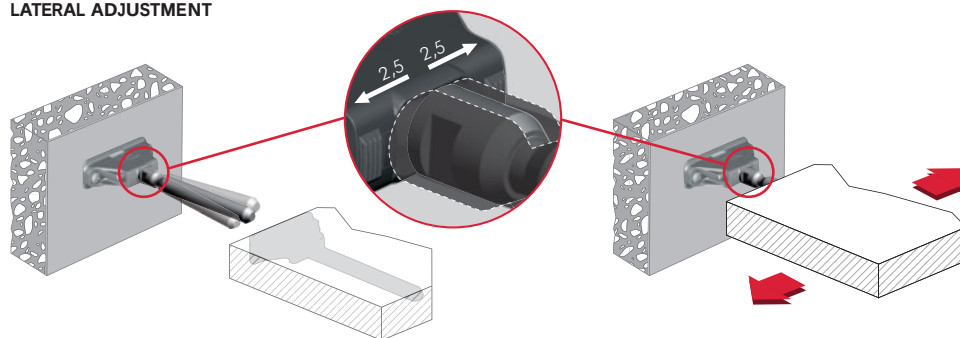
- to ensure the wall is of a suitable quality to hold the shelf fixing in place.
- to use the proper hardware fittings according to the construction of the wall.

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

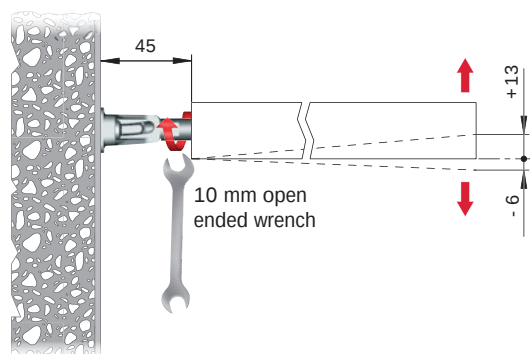
#### BRACKET ALIGNMENT



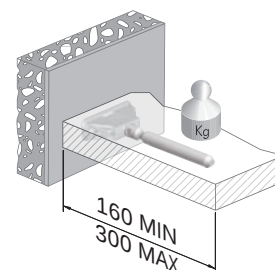
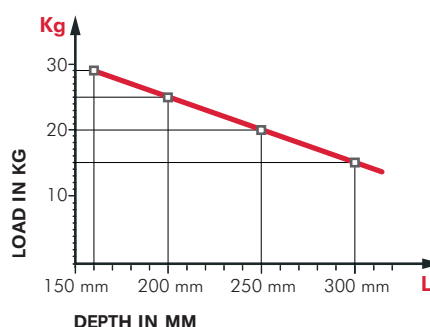
#### LATERAL ADJUSTMENT



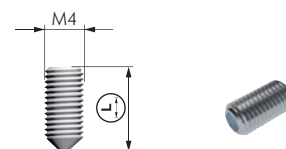
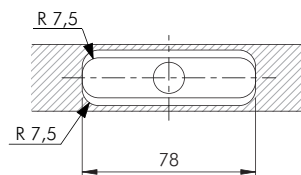
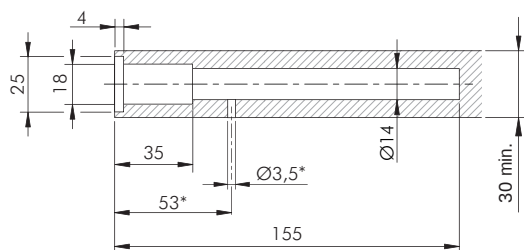
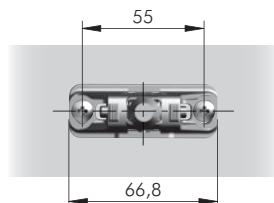
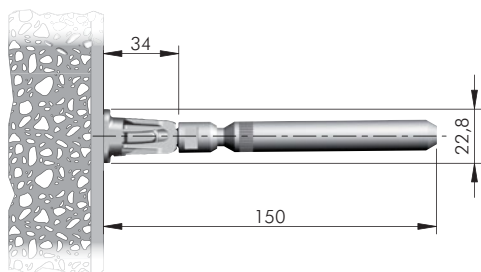
#### INCLINATION ADJUSTMENT



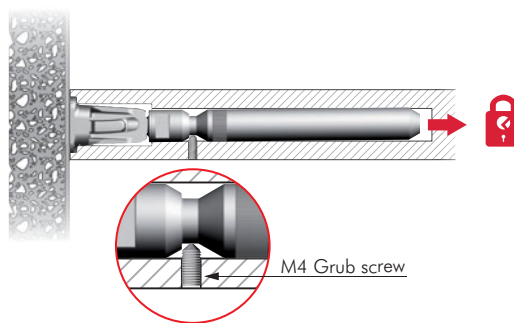
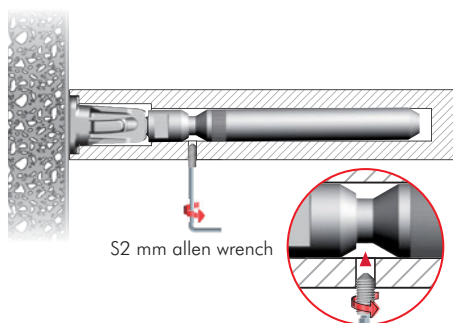
#### COMBINATION SHELF LOAD AND SHELF DEPTH (The figures refer to 1 shelf support)



+ shelf weight = 15 kg  
MAX for each shelf support

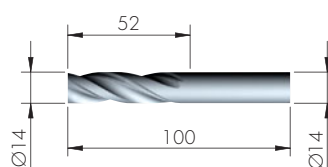
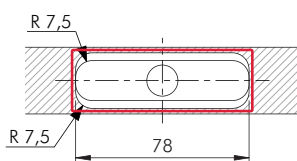
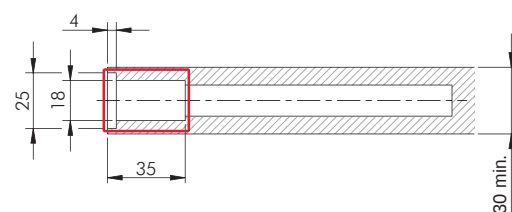
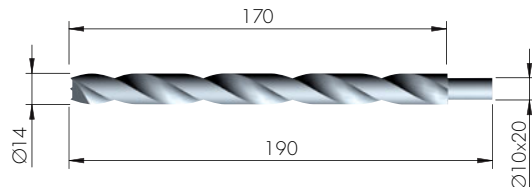
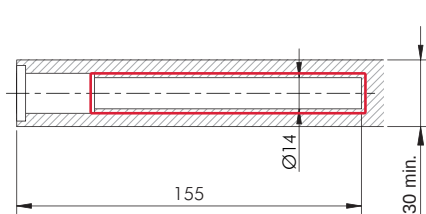


\* Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity.



|                                                                                               |                                                                                                  |                                                                                       |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  = S2 mm |  = 100 pcs. |                                                                                       |
|  123     |             |  |
| <b>21105180ZN</b>                                                                             | 10                                                                                               | 30                                                                                    |
| <b>21105220ZN</b>                                                                             | 16                                                                                               | 40                                                                                    |

## DRILL BIT FOR TRIADE



|                                                                                           |                                                                                                    |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| HSS                                                                                       |  = on request |
|  123 |  10           |
| <b>1621452000</b>                                                                         |                                                                                                    |

|                                                                                           |                                                                                                    |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| HSS                                                                                       |  = on request |
|  123 |               |
| <b>1621454000</b>                                                                         |                                                                                                    |

## TRIADE AND BRACKET

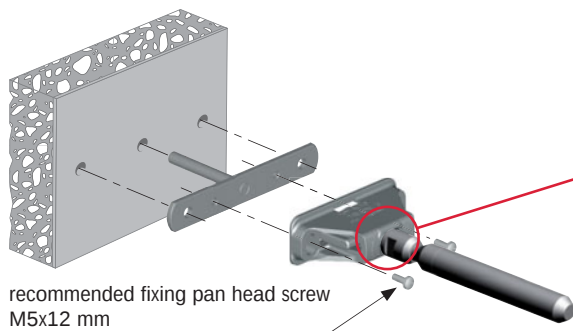
BRACKET FOR TRIADE with pin is a valid complement to the concealed shelf support Triade.

Ideal to improve the shelf support capacity loading by evenly distributing the shelf load on the wall through a Ø8mm pin.

The Ø8 mm pin allows to reduce the load taken by the two fixing screws.

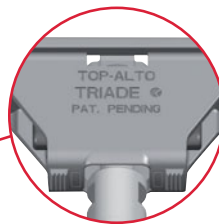
### INSTALLATION

#### SOLID AND PLASTERBOARD PANEL



#### VERY IMPORTANT

Triade has to be installed with the writing "TOP - ALTO" 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.

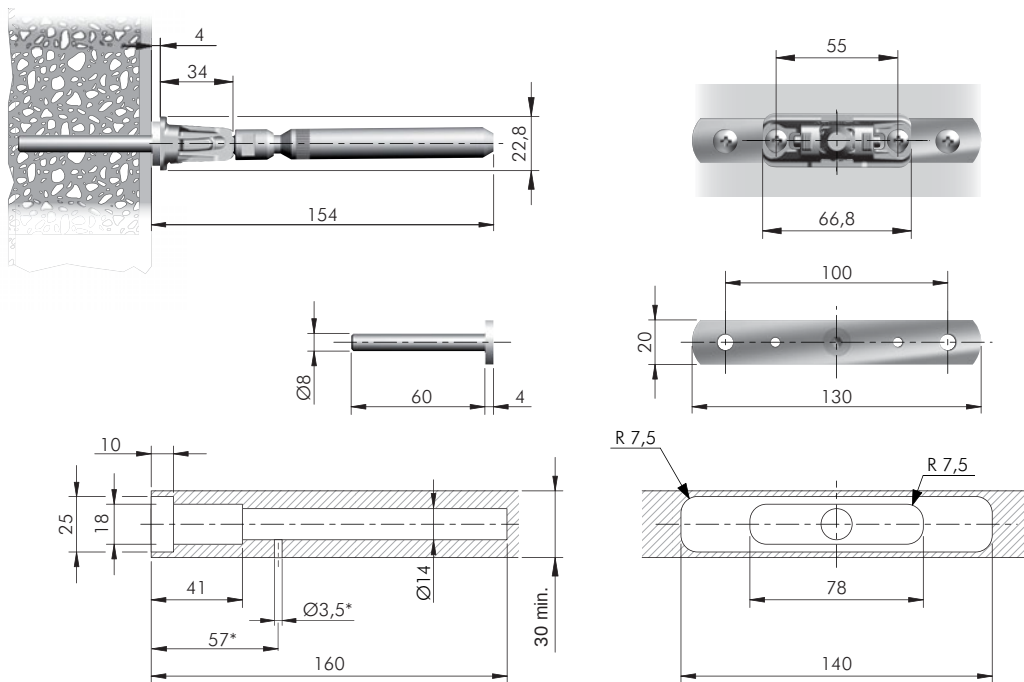
For more specific information, please refer to the WARNINGS section at the end of the catalogue.



|            |       |  |                           |
|------------|-------|--|---------------------------|
|            | = PZ2 |  | = open ended wrench 10 mm |
|            |       |  | = 50 pcs.                 |
|            |       |  |                           |
| 1621501000 |       |  |                           |

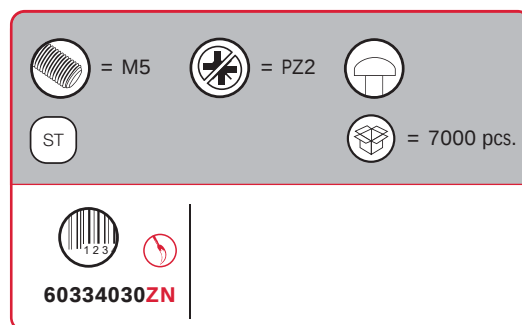


|            |      |            |  |
|------------|------|------------|--|
|            | = M5 |            |  |
|            |      | = 100 pcs. |  |
|            |      |            |  |
| 16215020ZN |      |            |  |

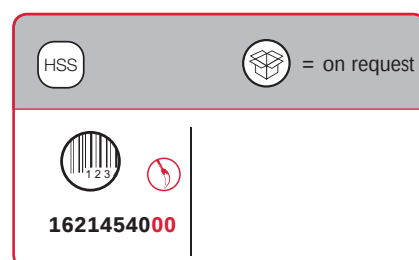
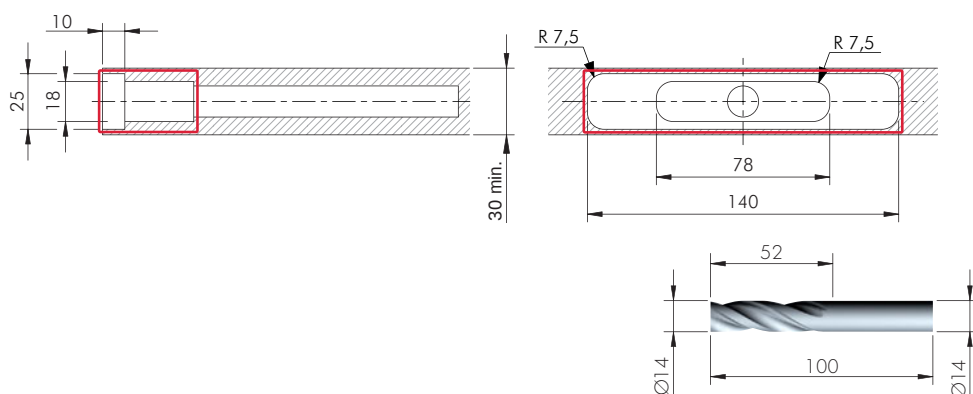
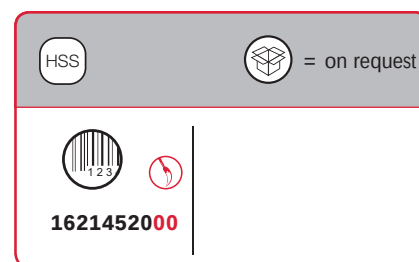
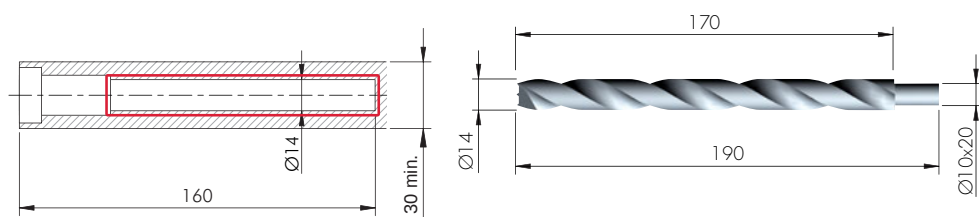


\* Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity. For details refer to Triade section.

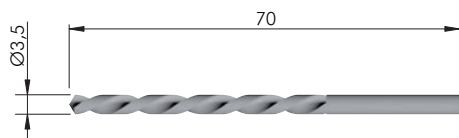
## TRIADE BRACKET FIXING ACCESSORY



## DRILL BIT FOR TRIADE AND BRACKET



## DRILL BIT



HSS

= on request



**Y0JG054100**

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 |
| Y0JG013500 | Y0JG055000 |
| Y0JG013600 | Y0JG054000 |
| Y0JG013700 | Y0JG054100 |
| Y0JG013800 |            |
| Y0JG013900 |            |



AL

ST

EP

= on request



**Y0JG0131RO**

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

CONTENT OF THE CASE:

| Part no.   |
|------------|
| Y0JG0130RO |
| Y0JG013600 |
| Y0JG054000 |



AL

ST

EP

= on request



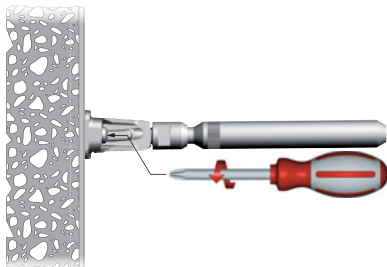
**Y0JG0132RO**



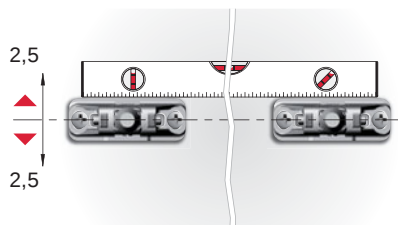
## APPLICATION FOR ALL TRIADE VERSIONS

### VERTICAL ADJUSTMENTS

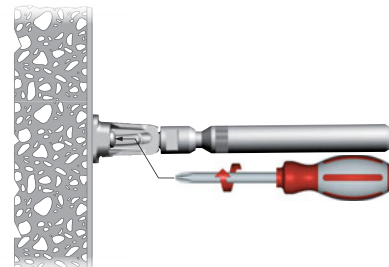
#### RELEASE THE FIXING SCREWS



#### ALIGN BRACKETS VERTICALLY ACCORDINGLY

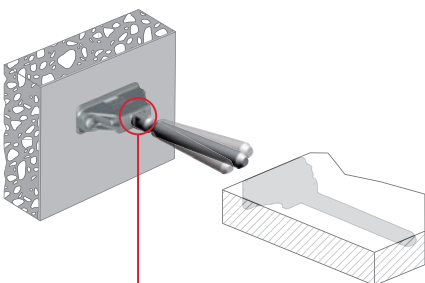


#### TIGHT THE FIXING SCREWS

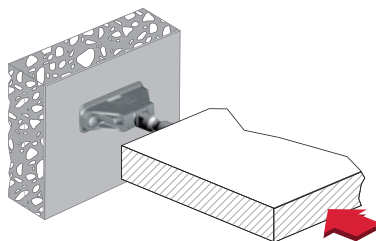


### SHELF INSERTING AND LATERAL ADJUSTMENT

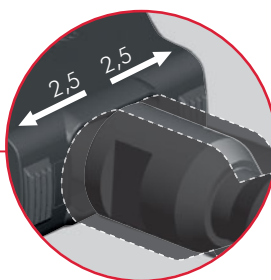
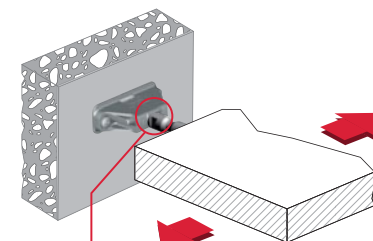
#### TILT THE SHELF TO MATCH BOTH SUPPORTING PINS AND SHELF HOUSINGS



#### INSERT PARTIALLY THE SHELF

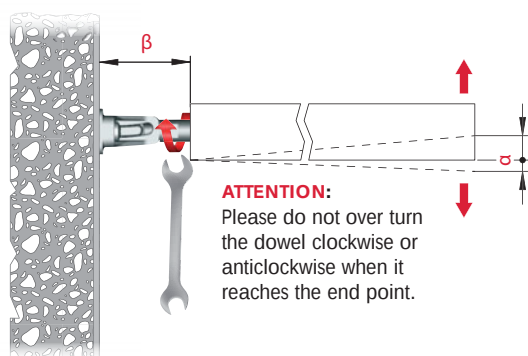


#### ADJUST THE SHELF Laterally ACCORDING TO THE APPLICATION (i.e. MULTI-SHELF COMPOSITION)



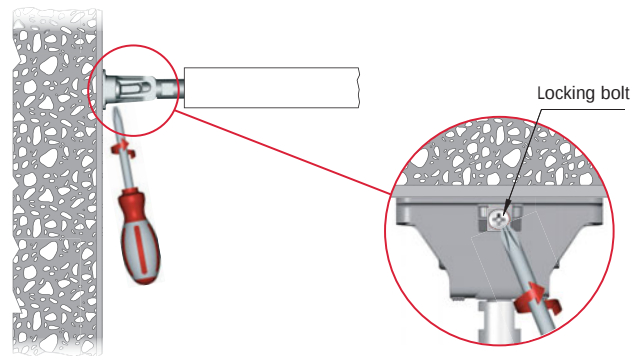
### INCLINATION ADJUSTMENTS

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



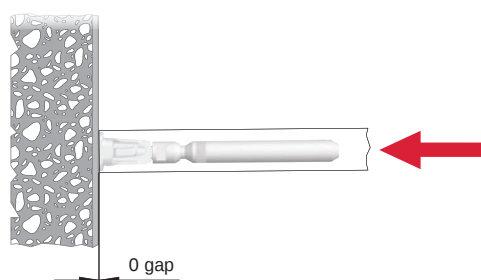
| MODEL       | $\beta$ (mm) | $\alpha$ (mm) |
|-------------|--------------|---------------|
| TRIADE MINI | approx. 45   | -6<br>+13     |
| TRIADE      | approx. 45   | -6<br>+13     |
| TRIADE MAXI | approx. 70   | -8<br>+20     |
| TRIADE XXL  | approx. 70   | -8<br>+20     |

#### SCREW THE LOCKING BOLT TO BLOCK THE PIN



### SHELF INSERTING FOR ALL TRIADE MODELS

#### PUSH THE SHELF AGAINST THE WALL UNTIL THE END

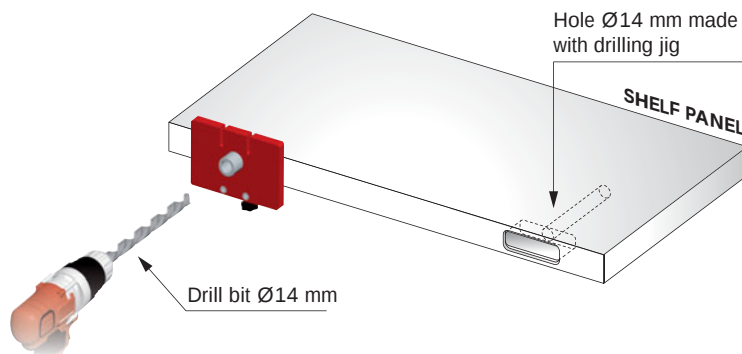
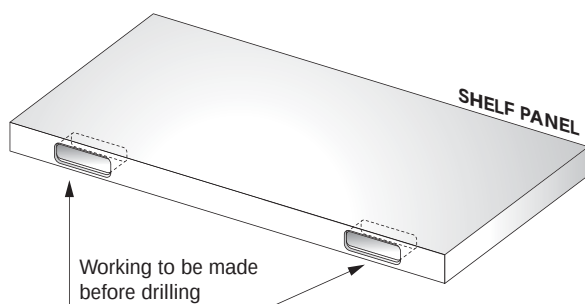


## DRILLING JIG FOR TRIADE

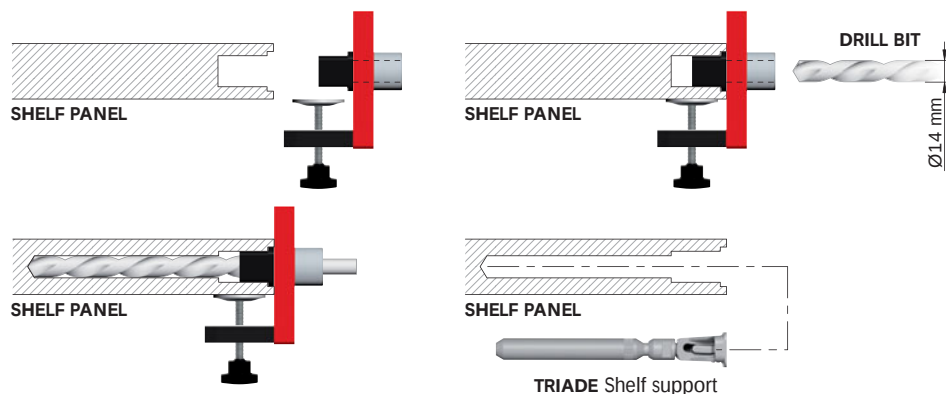
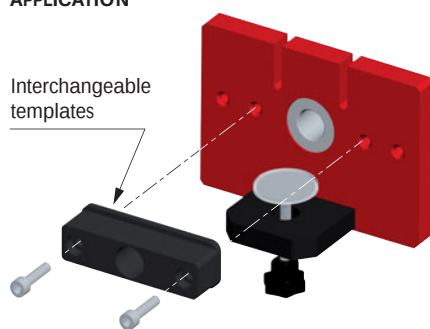


50 mm MAX

### GENERAL SPECIFICATIONS



### APPLICATION



### TEMPLATES AVAILABLE

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

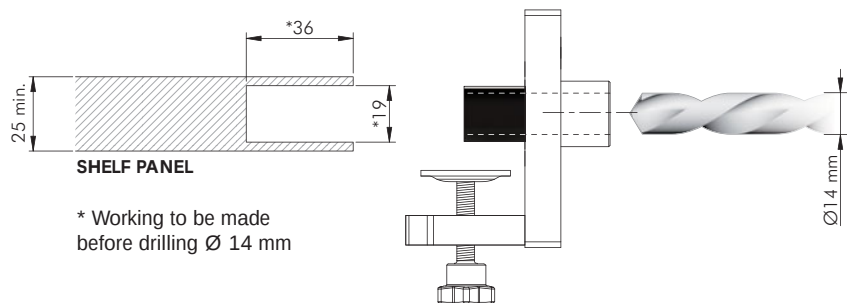


## TRIADE DRILLING JIG

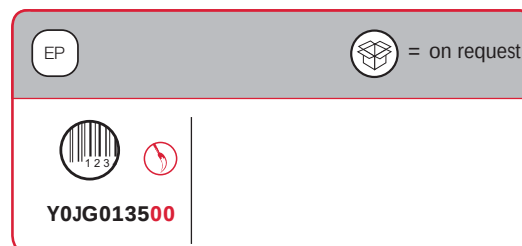
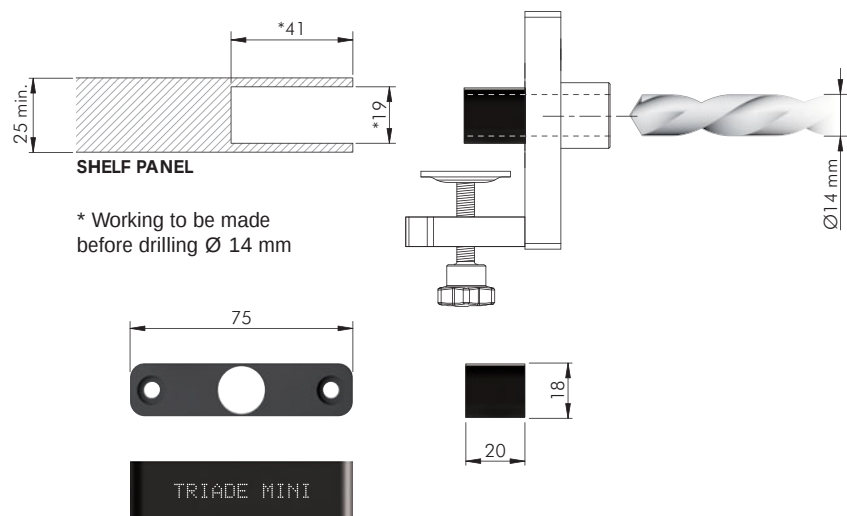


## TRIADE DRILLING JIG TEMPLATES

### TRIADE MINI DRILLING PLAN



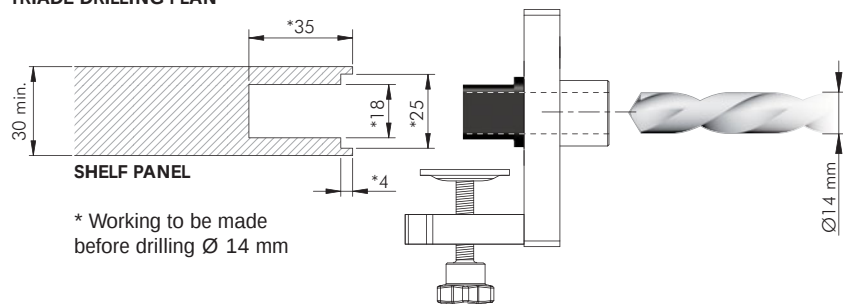
### TRIADE MINI AND BRACKET DRILLING PLAN



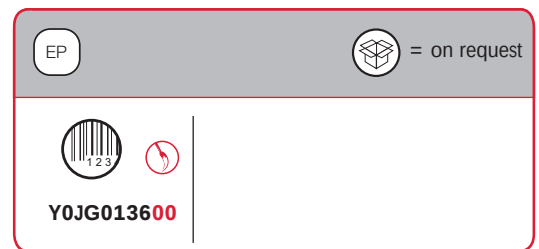
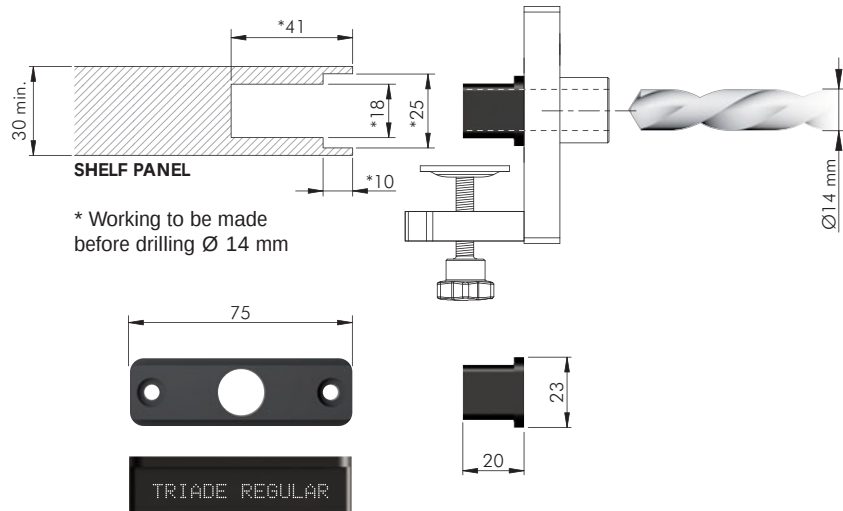
NOTE: The product code includes the fixing screws.



## TRIADE DRILLING PLAN



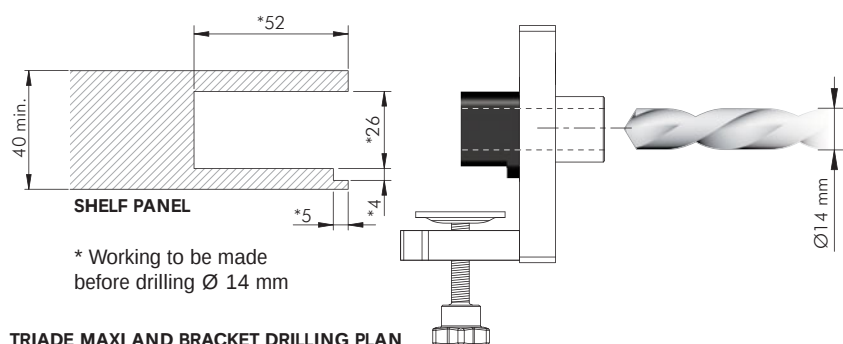
## TRIADE AND BRACKET DRILLING PLAN



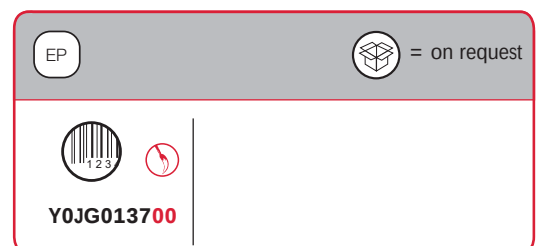
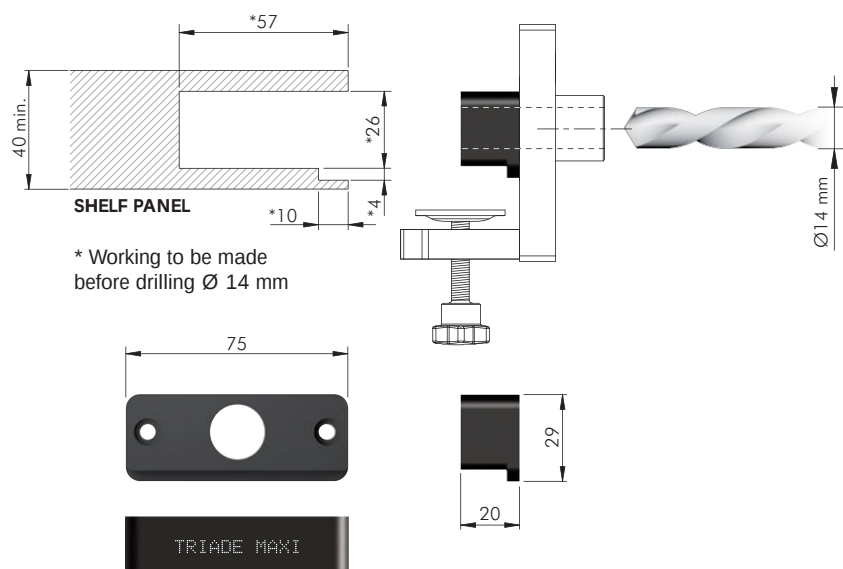
NOTE: The product code includes the fixing screws.



## TRIADE MAXI DRILLING PLAN



## TRIADE MAXI AND BRACKET DRILLING PLAN

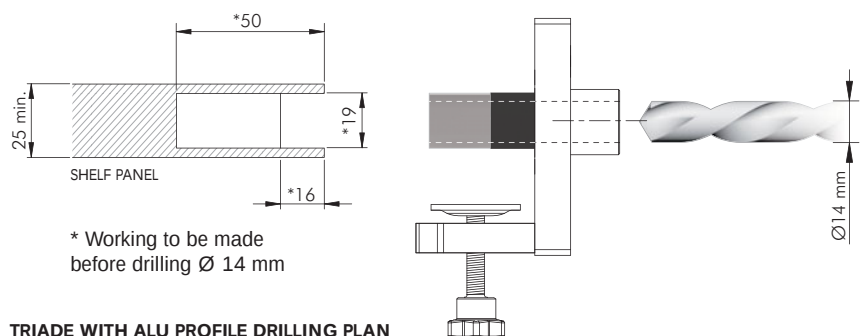


NOTE: The product code includes the fixing screws.

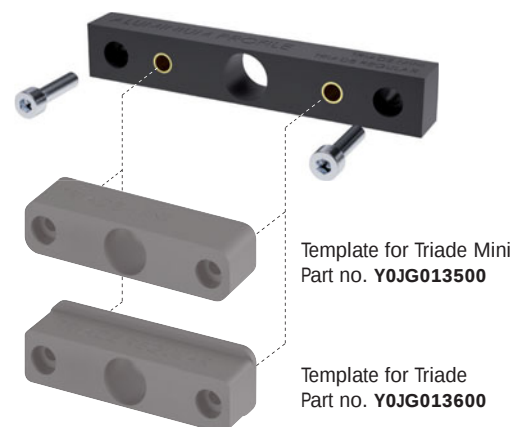
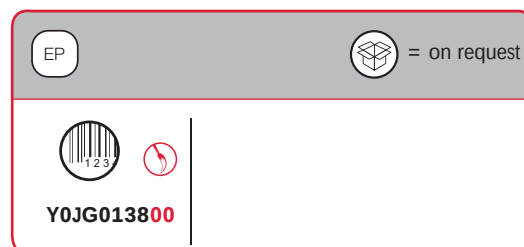
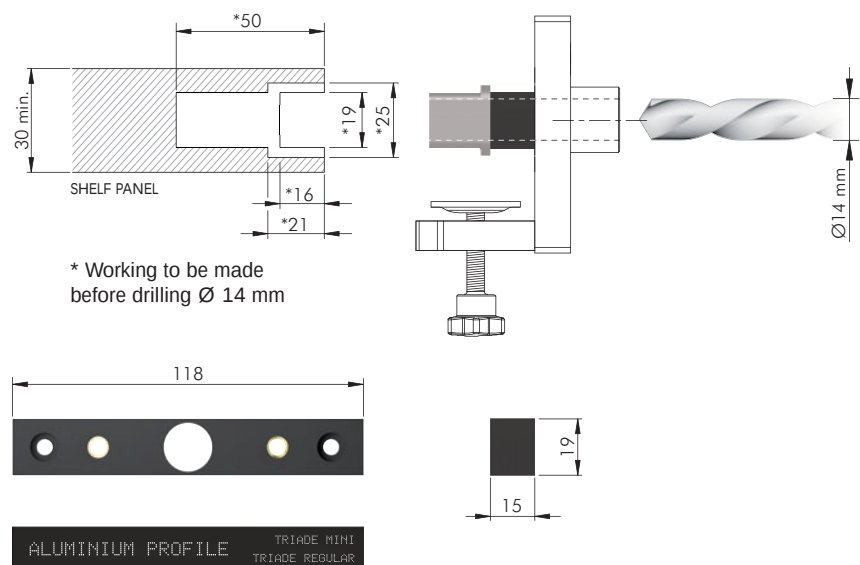




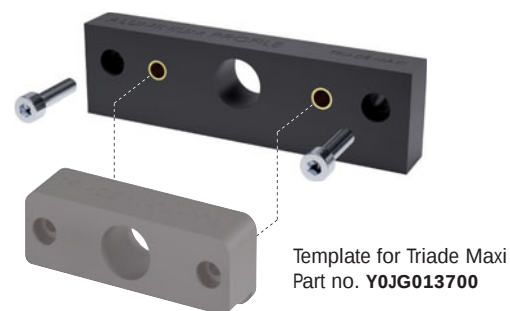
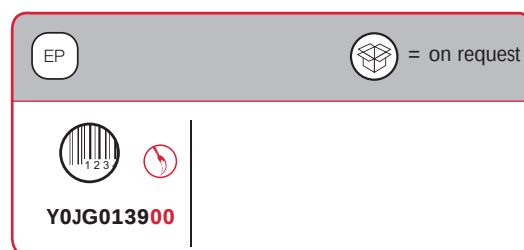
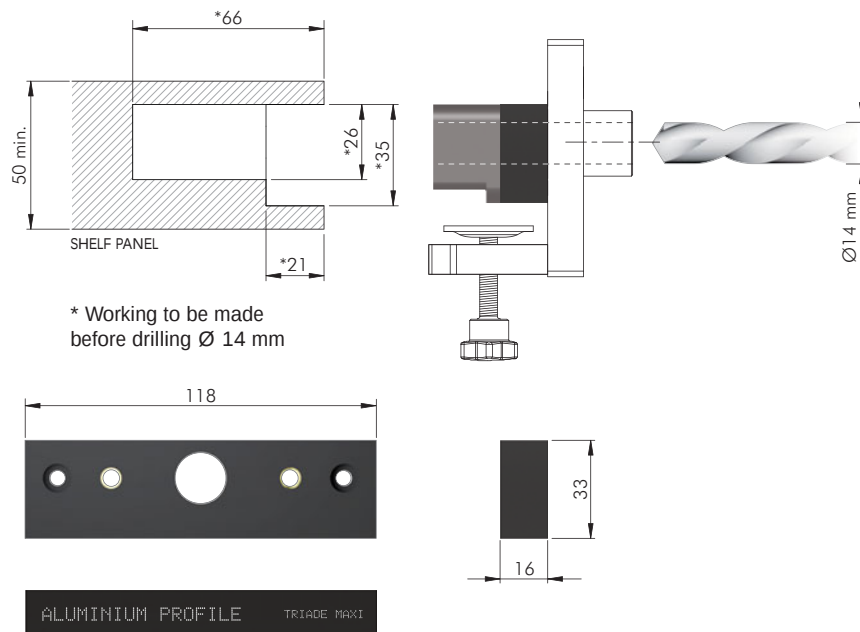
## TRIADE MINI WITH ALU PROFILE DRILLING PLAN



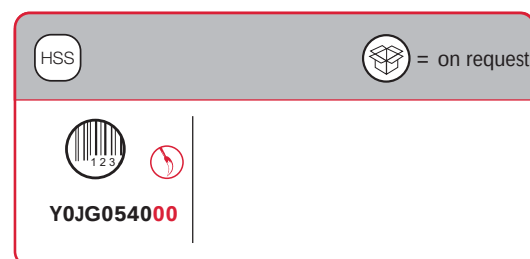
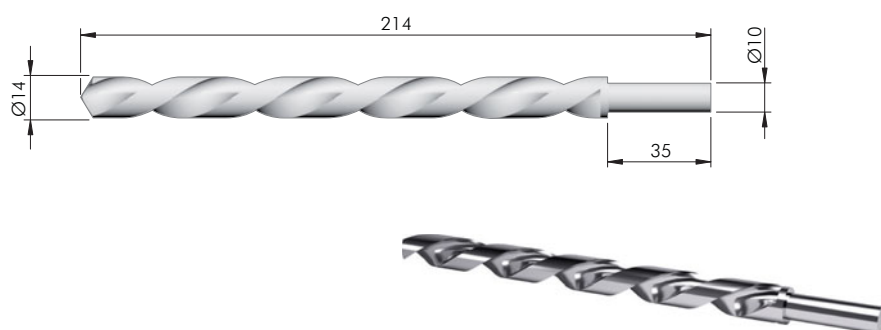
## TRIADE WITH ALU PROFILE DRILLING PLAN



## TRIADE MAXI DRILLING PLAN



## DRILL BIT



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 |
| Y0JG013500 | Y0JG055000 |
| Y0JG013600 | Y0JG054000 |
| Y0JG013700 | Y0JG054100 |
| Y0JG013800 |            |
| Y0JG013900 |            |



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

CONTENT OF THE CASE:

Part no.  
Y0JG0130RO  
Y0JG013600  
Y0JG054000

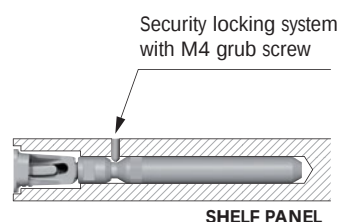
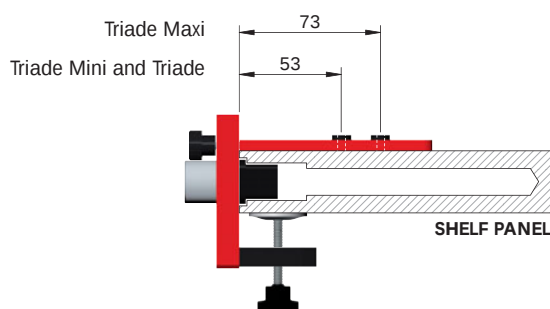
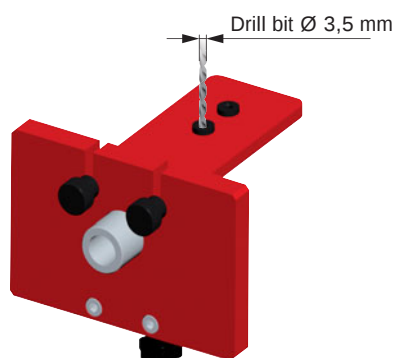
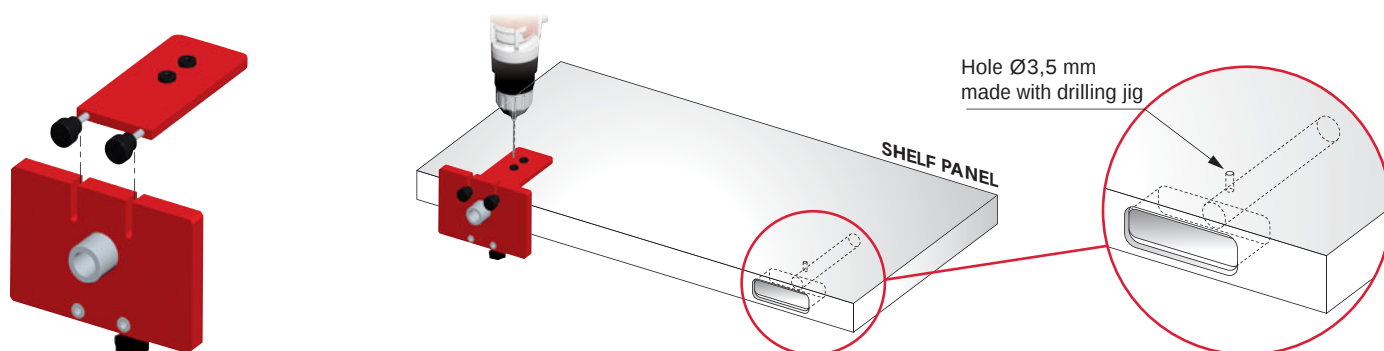




## TRIADE DRILLING JIG INSERT FOR SECURITY LOCKING



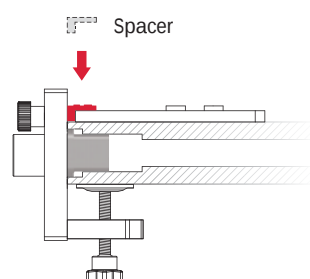
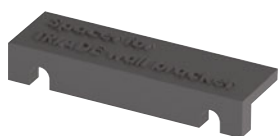
### GENERAL SPECIFICATIONS



### SPACERS AVAILABLE

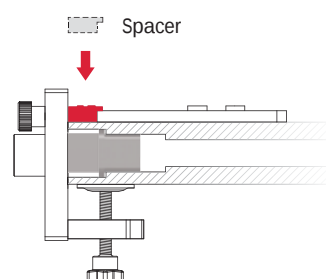
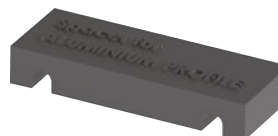
#### SPACER FOR TRIADE WALL BRACKETS

Part no. Y0JG054900



#### SPACER FOR TRIADE ALUMINIUM PROFILES

Part no. Y0JG055000



Triade Mini  
and bracket



Triade  
and bracket



Triade Maxi  
and bracket



Aluminium profile  
for Triade Mini and Triade

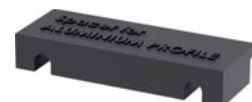
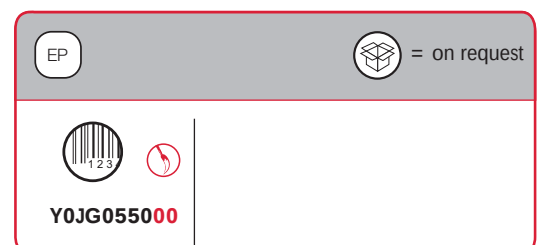
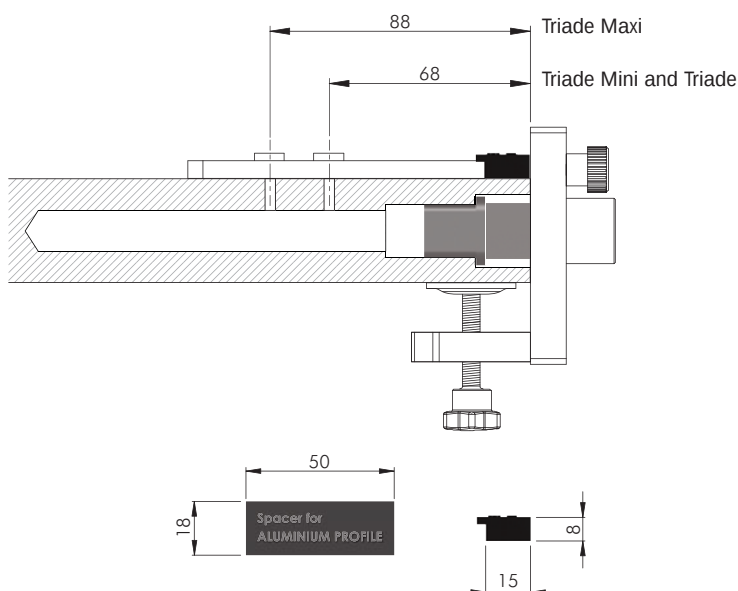
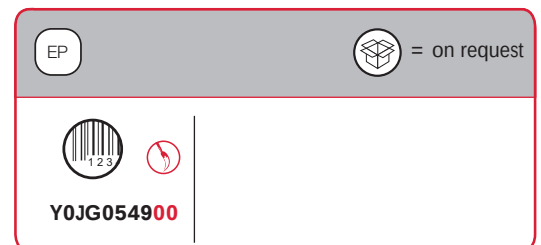
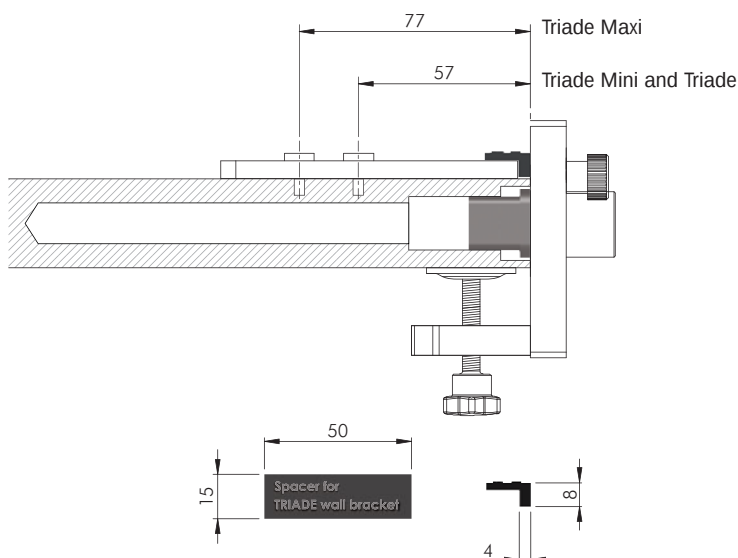


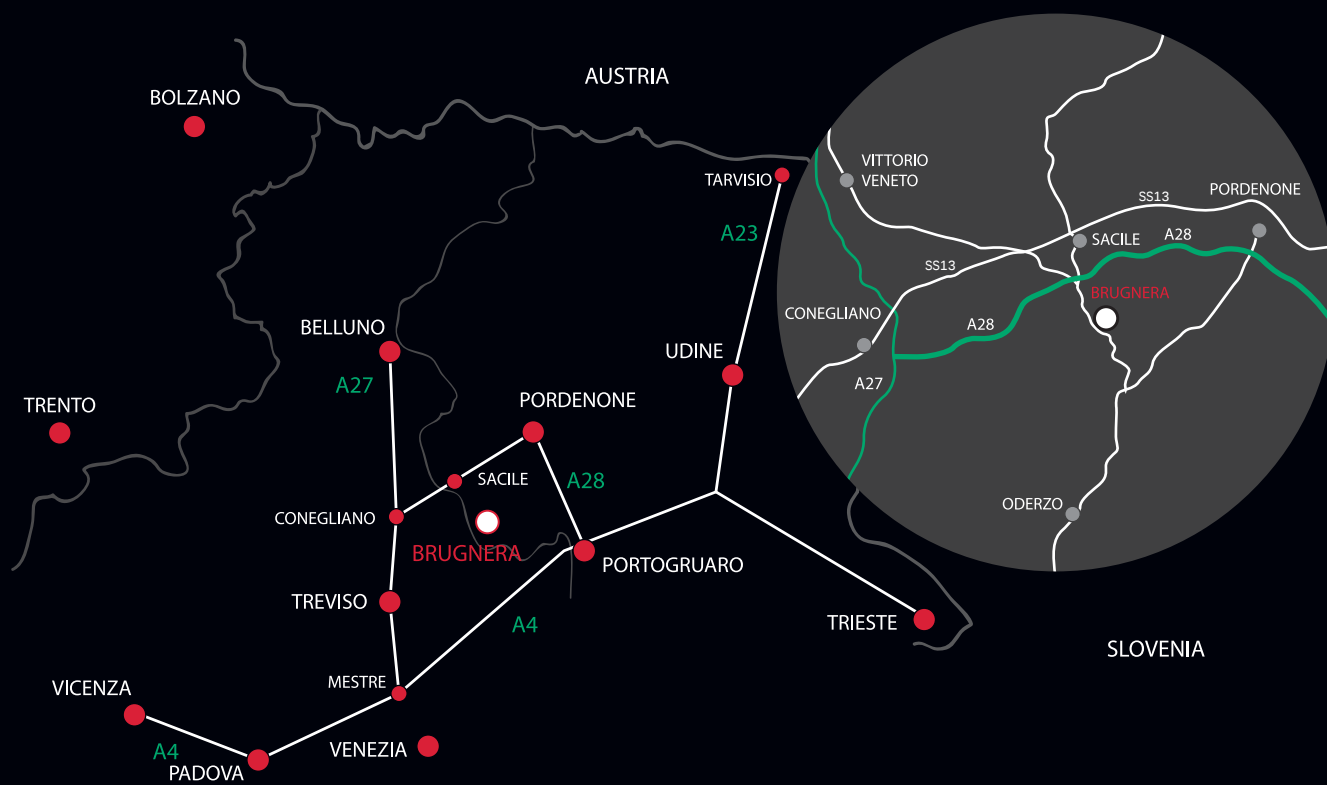
Aluminium profile  
for Triade Maxi

## DRILLING JIG INSERT FOR SECURITY LOCKING



## SPACERS FOR SECURITY LOCKING





[www.italianaferramenta.it](http://www.italianaferramenta.it)