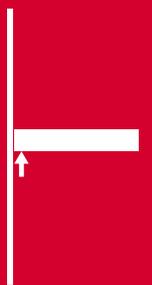




# Triade



WOOD AND  
GLASS  
SHELVING  
SYSTEMS

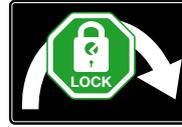


# SYMBOLS AND FINISHES LEGEND

## 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

**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>UT</b>	T-Met 9007
<b>AA</b>	Natural	<b>IJ</b>	Light Grey	<b>UZ</b>	T-Met
<b>AB</b>	White	<b>IL</b>	Grey 20	<b>WA</b>	Bronzed
<b>AE</b>	White 9010	<b>IN</b>	Grey met. 26	<b>WI</b>	Burnished
<b>EA</b>	Black	<b>JB</b>	Bright Aluminium	<b>XD</b>	Satin-finished Steel
<b>EC</b>	Matt Black	<b>JC</b>	Aluminium - Chrome	<b>YA</b>	Nickel-plated
<b>EE</b>	Anthracite	<b>JD</b>	Matt Aluminium	<b>YB</b>	Bright Nickel-plated
<b>EW</b>	Grey 9007	<b>JE</b>	Satin-finished Aluminium	<b>YC</b>	Matt Nickel-plated
<b>FU</b>	Gunmetal	<b>JF</b>	Aluminium - Brass	<b>YD</b>	Satin-finished Nickel-plated
<b>FV</b>	Gunmetal V52	<b>JG</b>	Aluminium 5	<b>YQ</b>	Black Nickel
<b>GR</b>	Raw	<b>JL</b>	Aluminium PE 11	<b>Z9</b>	Black Zinc
<b>HA</b>	Brass-Plated	<b>JM</b>	Aluminium RAL 9006	<b>ZA</b>	Zinc alloy
<b>HH</b>	Tropicalized	<b>KA</b>	Chrome	<b>ZN</b>	Zinc-plated
<b>HL</b>	Raw Brass	<b>KB</b>	Bright Chrome	<b>ZQ</b>	Bright Gold
<b>HX</b>	Graphite	<b>KC</b>	Matt Chrome	<b>ZY</b>	Titanium
<b>IA</b>	Grey	<b>NN</b>	Metallic Beige	<b>ZZ</b>	Clear
<b>IB</b>	Metallic Grey	<b>RO</b>	Red		

## TRIADE

TRIADE is the concealed mounting bracket for shelves 25 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 10mm 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  $\varnothing 3,5$  mm).
- Multiple assembly and disassembly of the shelf.
- Suitable for all thicknesses.
- Tested on plywood, mdf and chipboard.

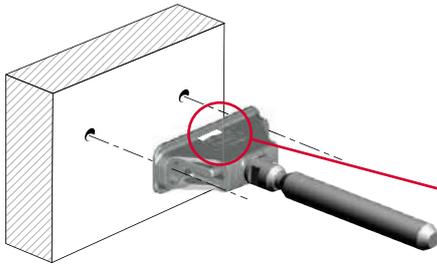
30-40 mm

15 kg for each shelf support  
for shelf 300 mm deep

PAT. PENDING

### INSTALLATION AND ADJUSTMENTS

#### WOOD PANEL



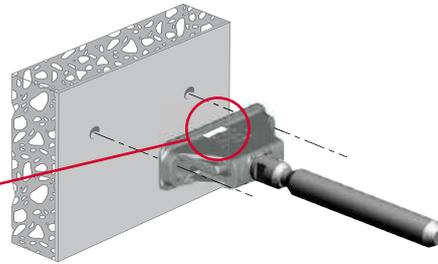
Recommended fixing pan head screw type - head  $\varnothing 5$  mm max.

#### VERY IMPORTANT

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



#### SOLID AND PLASTERBOARD PANEL

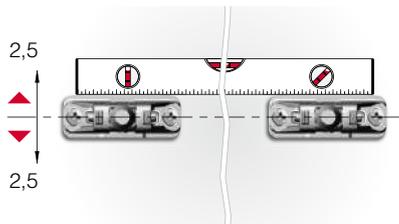


It is the responsibility of the customer:

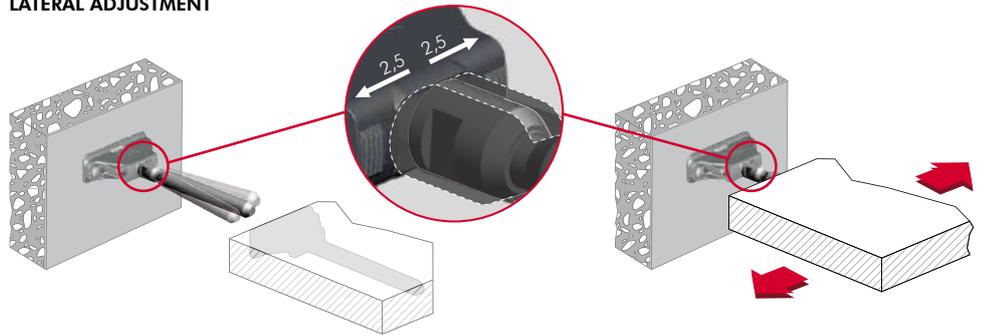
- to ensure the wall is of a suitable quality to hold the shelf fixing in place.
- to use the proper hardware fittings according to the construction of the wall.

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

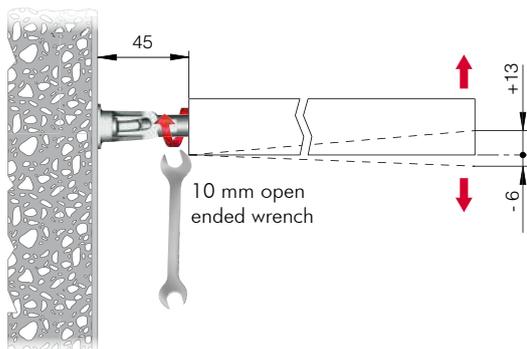
#### BRACKET ALIGNMENT



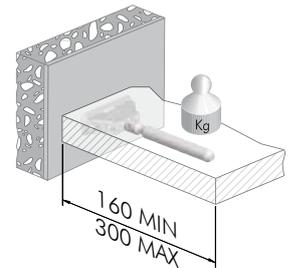
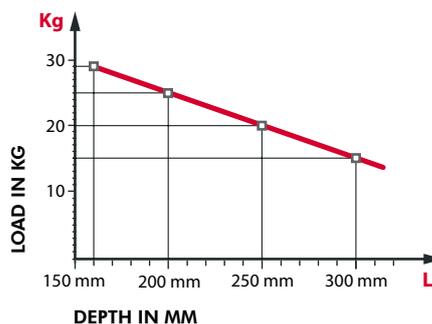
#### LATERAL ADJUSTMENT



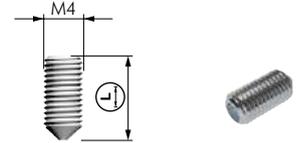
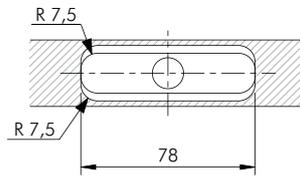
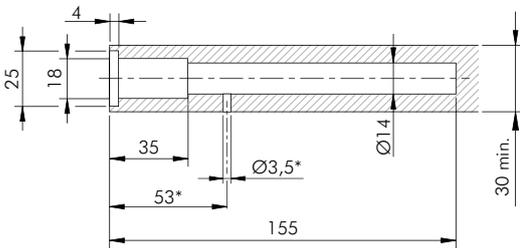
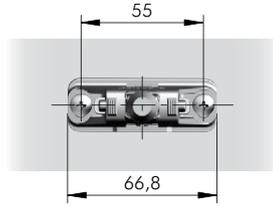
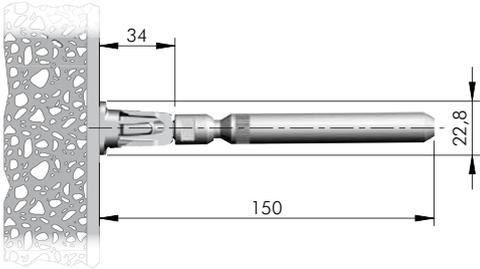
#### INCLINATION ADJUSTMENT



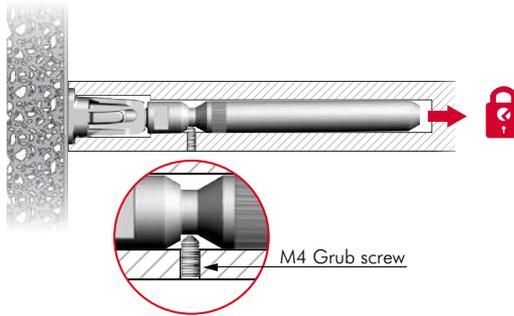
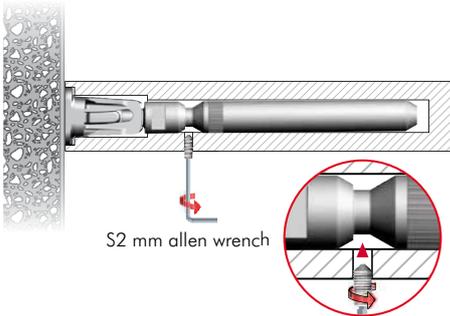
#### COMBINATION SHELF LOAD AND SHELF DEPTH (The figures refer to 1 shelf support)



+ shelf weight = 15 kg  
MAX for each shelf support

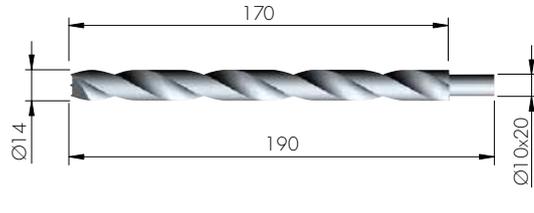
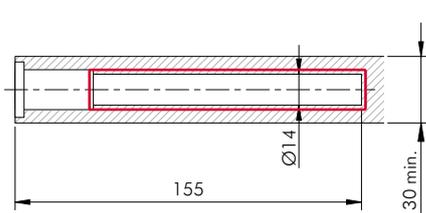


\* Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity.

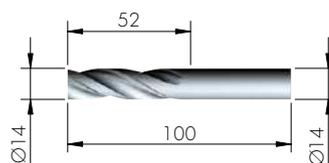
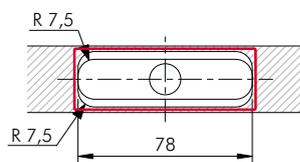
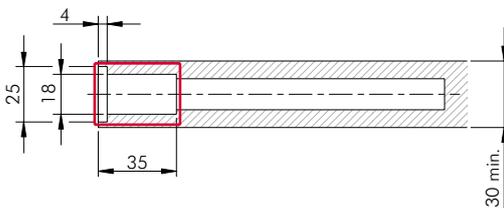


	= S2 mm			= 100 pcs.
<b>21105180ZN</b>		10		30
<b>21105220ZN</b>		16		40

**DRILL BIT FOR TRIADE**



HSS		= on request
<b>1621452000</b>		



HSS		= on request
<b>1621454000</b>		

## TRIADE AND BRACKET

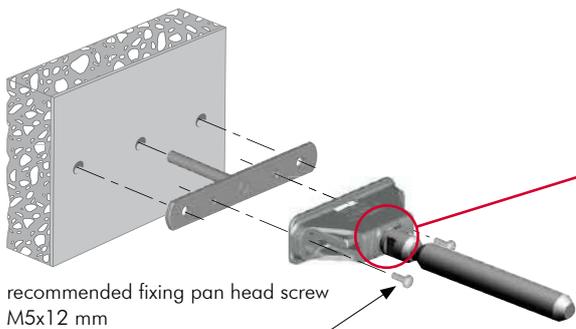
BRACKET FOR TRIADE with pin is a valid complement to the concealed shelf support Triade.

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



recommended fixing pan head screw  
M5x12 mm

#### 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



ZA

ST



= 50 pcs.



1621501000



= M5



ST

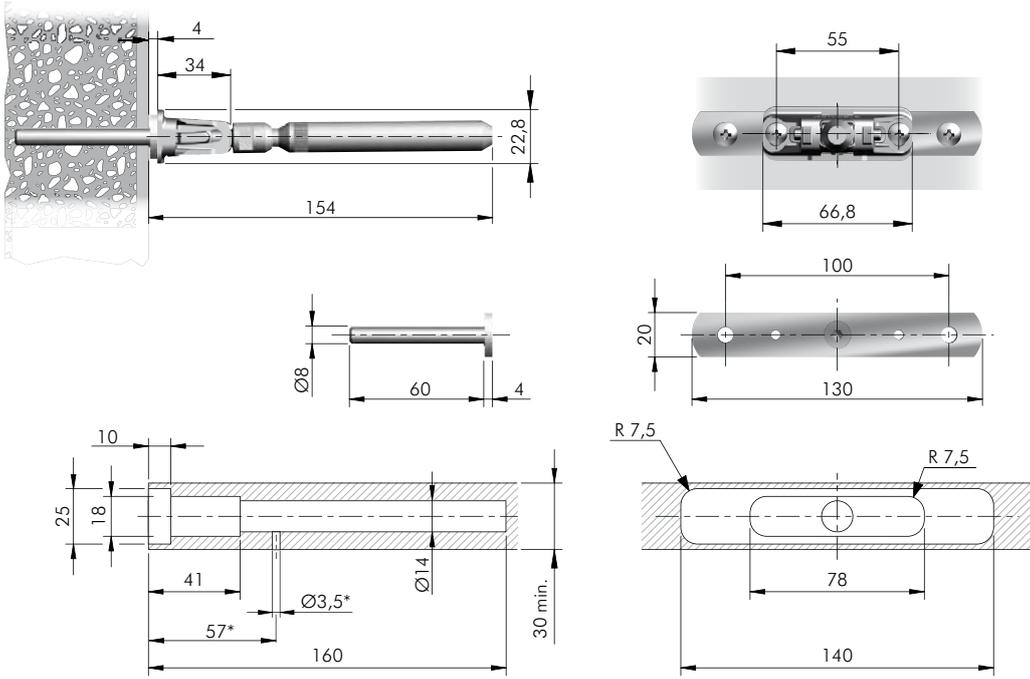


= 100 pcs.



16215020ZN





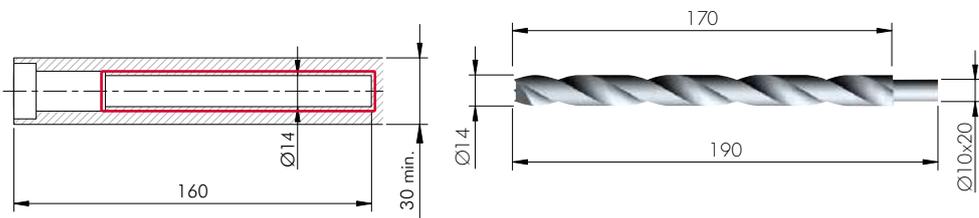
\* Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity. For details refer to Triade section.

**TRIADE BRACKET FIXING ACCESSORY**

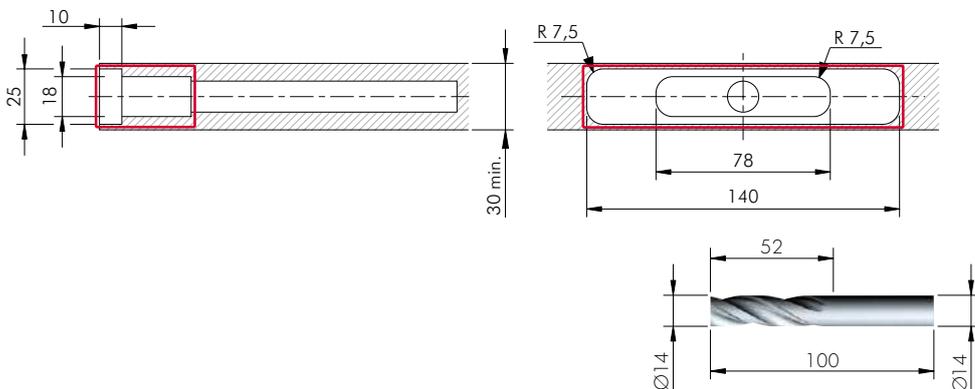


	= M5		= PZ2		
					= 7000 pcs.
<b>60334030ZN</b>					

**DRILL BIT FOR TRIADE AND BRACKET**



			= on request
<b>1621452000</b>			

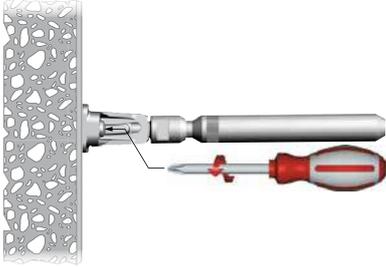


			= on request
<b>1621454000</b>			

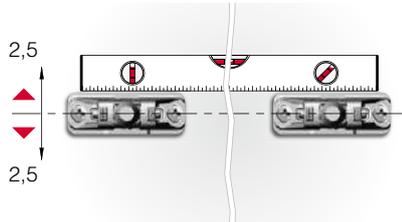
## APPLICATION FOR ALL TRIADE VERSIONS

### VERTICAL ADJUSTMENTS

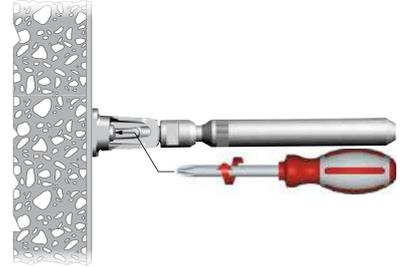
#### RELEASE THE FIXING SCREWS



#### ALIGN BRACKETS VERTICALLY ACCORDINGLY

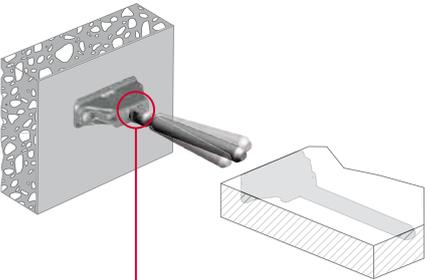


#### TIGHT THE FIXING SCREWS

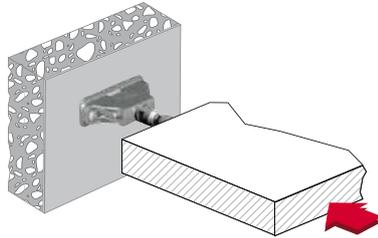


### SHELF INSERTING AND LATERAL ADJUSTMENT

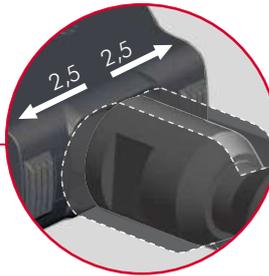
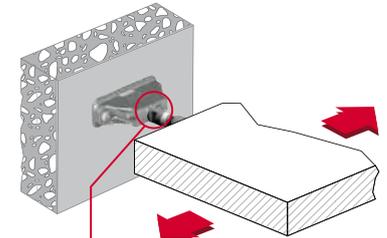
#### TILT THE SHELF TO MATCH BOTH SUPPORTING PINS AND SHELF HOUSINGS



#### INSERT PARTIALLY THE SHELF

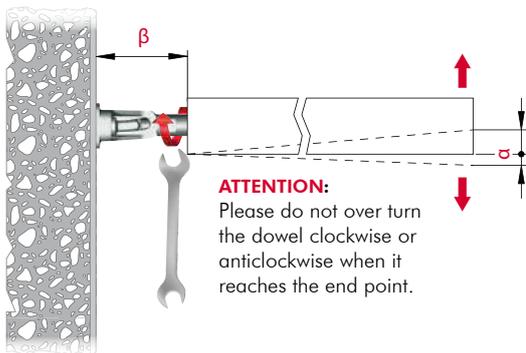


#### ADJUST THE SHELF LATERALLY ACCORDING TO THE APPLICATION (i.e. MULTI-SHELF COMPOSITION)



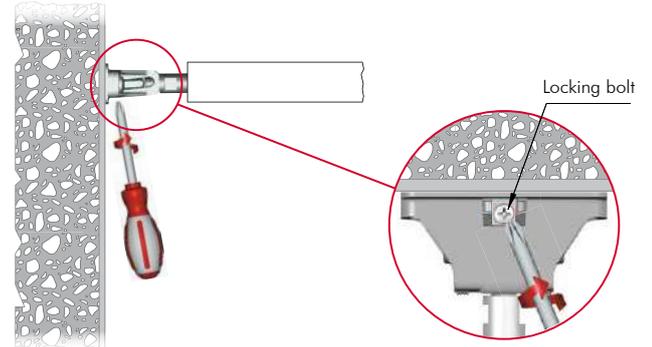
### INCLINATION ADJUSTMENTS

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



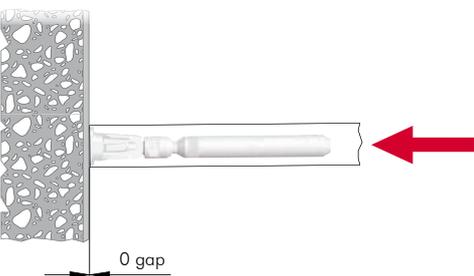
MODEL	β (mm)	α (mm)
TRIADE MINI	approx. 45	-6 +13
TRIADE	approx. 45	-6 +13
TRIADE MAXI	approx. 70	-8 +20
TRIADE XXL	approx. 70	-8 +20

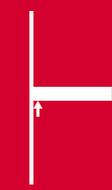
#### SCREW THE LOCKING BOLT TO BLOCK THE PIN



### SHELF INSERTING FOR ALL TRIADE MODELS

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



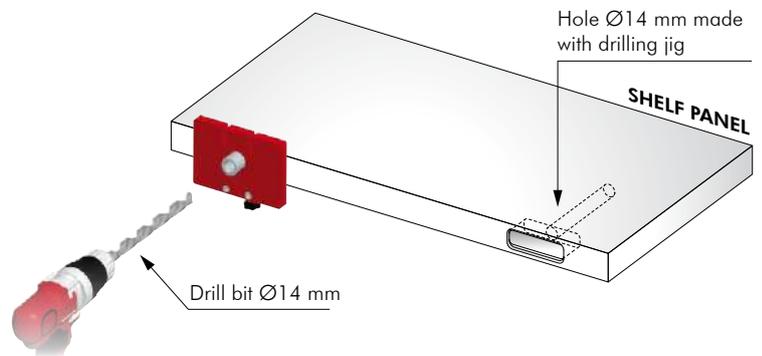
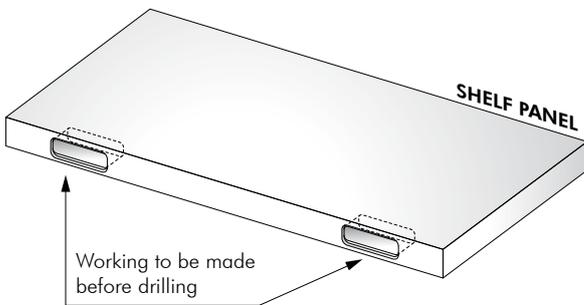


**DRILLING JIG FOR TRIADE**

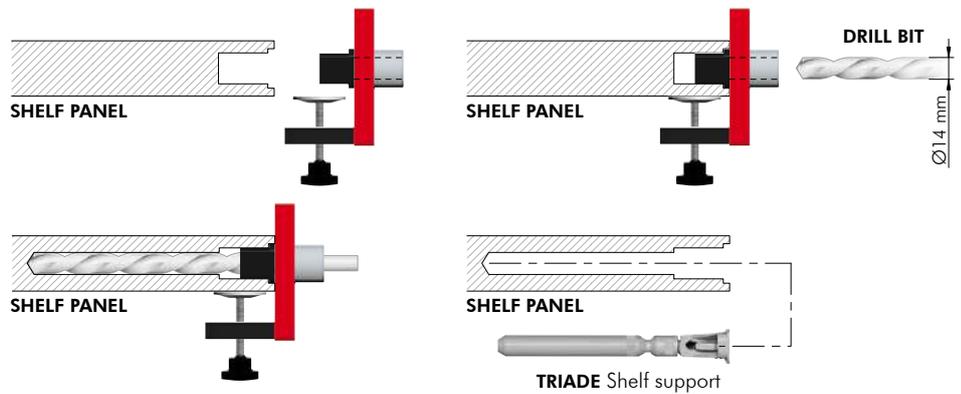
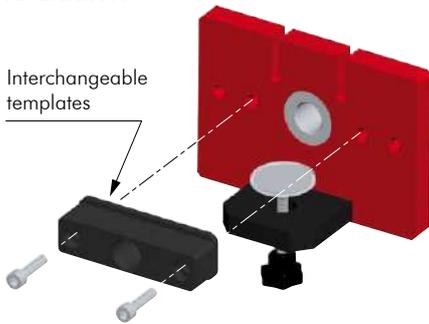


50 mm MAX 

**GENERAL SPECIFICATIONS**



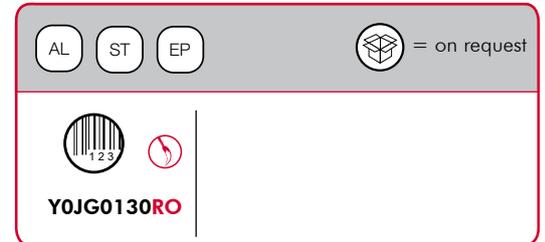
**APPLICATION**



**TEMPLATES AVAILABLE**

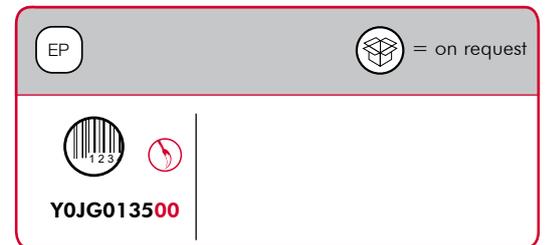
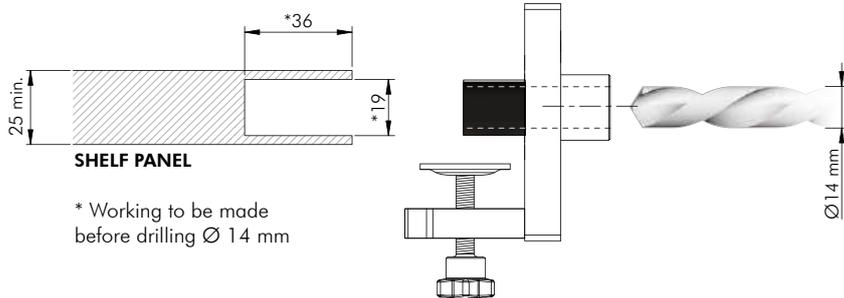
<b>TEMPLATE FOR TRIADE MINI</b> Part no. Y0JG013500	<b>TEMPLATE FOR TRIADE</b> Part no. Y0JG013600	<b>TEMPLATE FOR TRIADE MAXI</b> Part no. Y0JG013700	<b>TEMPLATE FOR TRIADE MINI AND TRIADE ALUMINIUM PROFILE</b> Part no. Y0JG013800	<b>TEMPLATE FOR TRIADE MAXI ALUMINIUM PROFILE</b> Part no. Y0JG013900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

## TRIADE DRILLING JIG

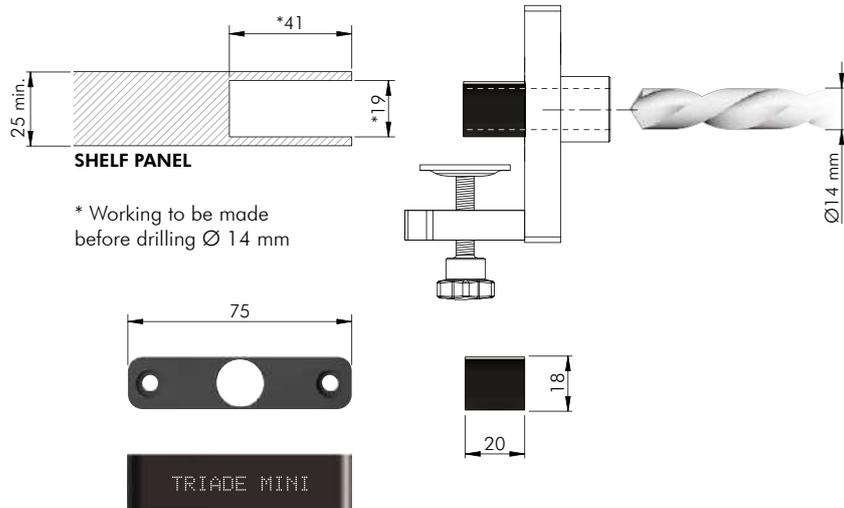


## TRIADE DRILLING JIG TEMPLATES

### TRIADE MINI DRILLING PLAN



### TRIADE MINI AND BRACKET DRILLING PLAN

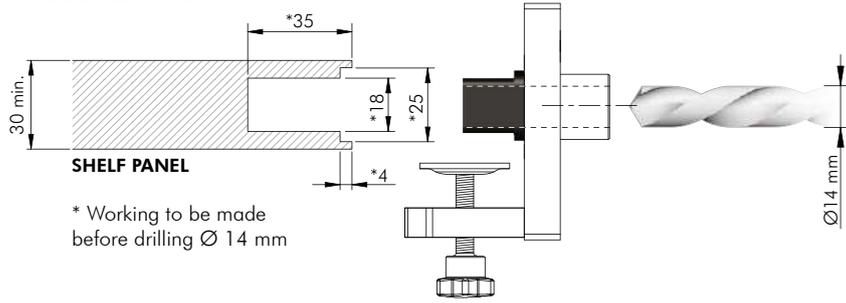


NOTE: The product code includes the fixing screws.

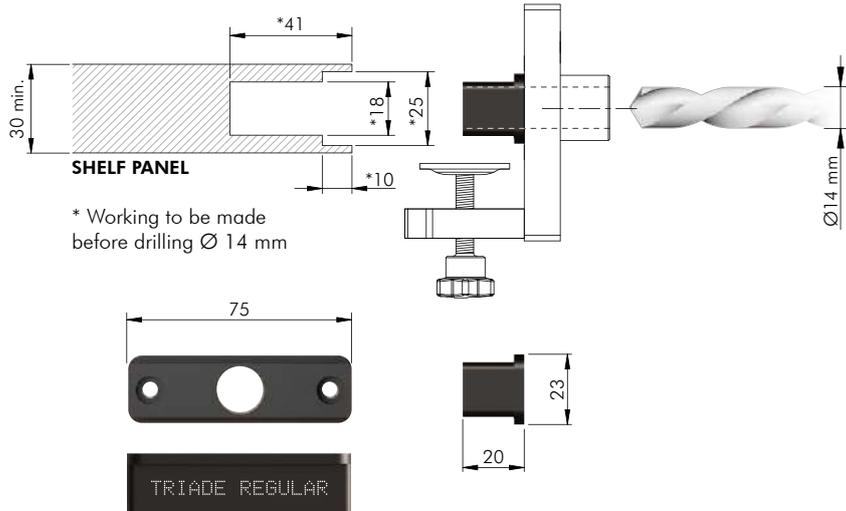




**TRIADE DRILLING PLAN**



**TRIADE AND BRACKET DRILLING PLAN**



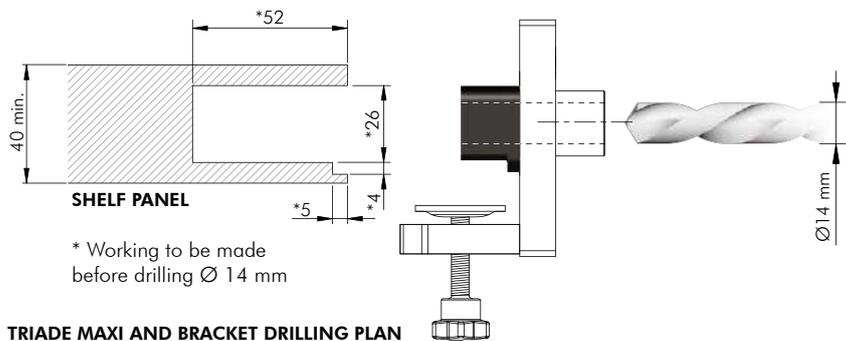
EP = on request

**YOJG013600**

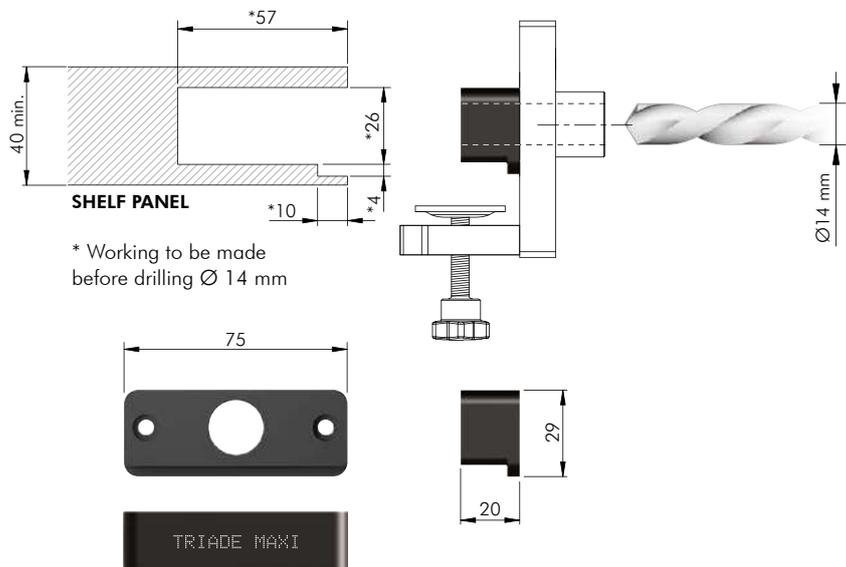
NOTE: The product code includes the fixing screws.



**TRIADE MAXI DRILLING PLAN**



**TRIADE MAXI AND BRACKET DRILLING PLAN**



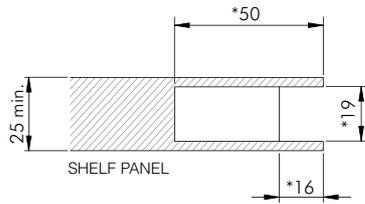
EP = on request

**YOJG013700**

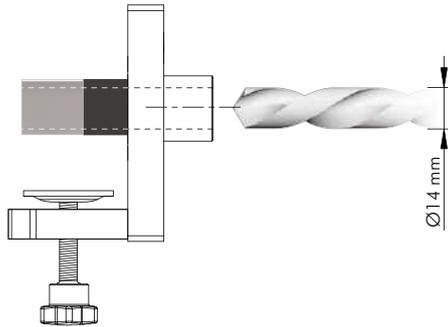
NOTE: The product code includes the fixing screws.



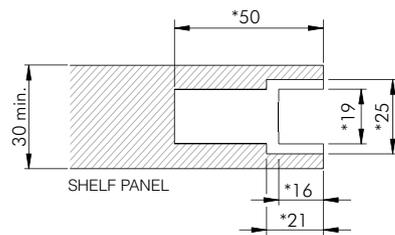
### TRIADE MINI WITH ALU PROFILE DRILLING PLAN



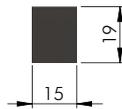
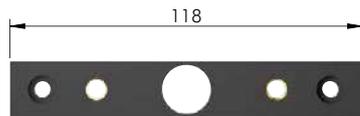
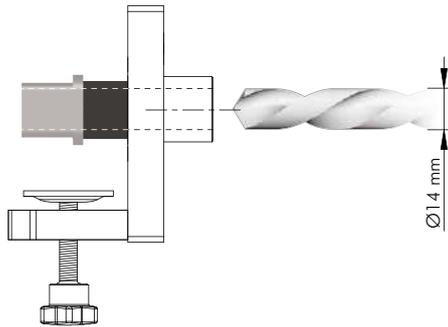
\* Working to be made before drilling Ø 14 mm



### TRIADE WITH ALU PROFILE DRILLING PLAN



\* Working to be made before drilling Ø 14 mm

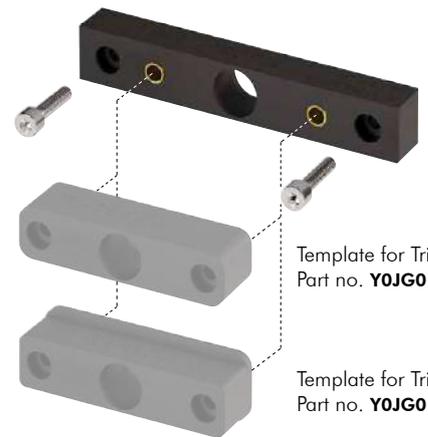


ALUMINIUM PROFILE TRIADE MINI  
TRIAD E REGULAR

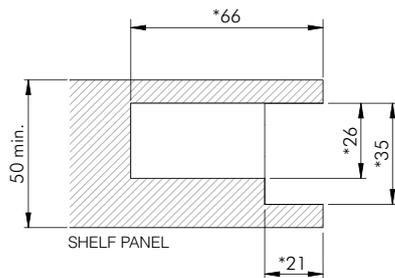
EP  = on request

 123 

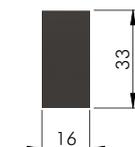
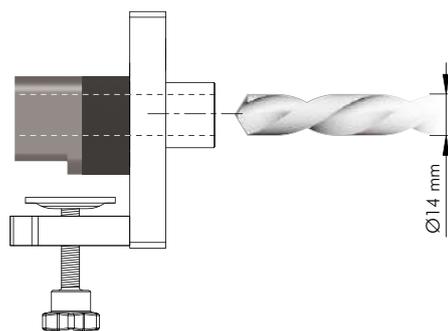
**YOJG013800**



### TRIADE MAXI DRILLING PLAN



\* Working to be made before drilling Ø 14 mm

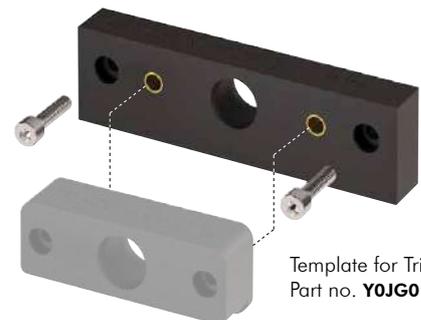


ALUMINIUM PROFILE TRIADE MAXI

EP  = on request

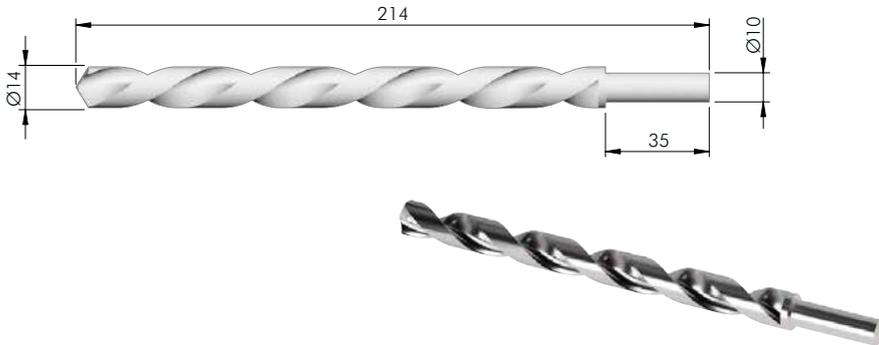
 123 

**YOJG013900**





**DRILL BIT**



HSS  = on request

**YOJG054000**

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.          |
| <b>YOJG0130RO</b> | <b>YOJG0133RO</b> |
| <b>YOJG013500</b> | <b>YOJG055000</b> |
| <b>YOJG013600</b> | <b>YOJG054000</b> |
| <b>YOJG013700</b> | <b>YOJG054100</b> |
| <b>YOJG013800</b> |                   |
| <b>YOJG013900</b> |                   |



AL ST EP  = on request

**YOJG0131RO**

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

CONTENT OF THE CASE:

- Part no.
- YOJG0130RO**  
**YOJG013600**  
**YOJG054000**



AL ST EP  = on request

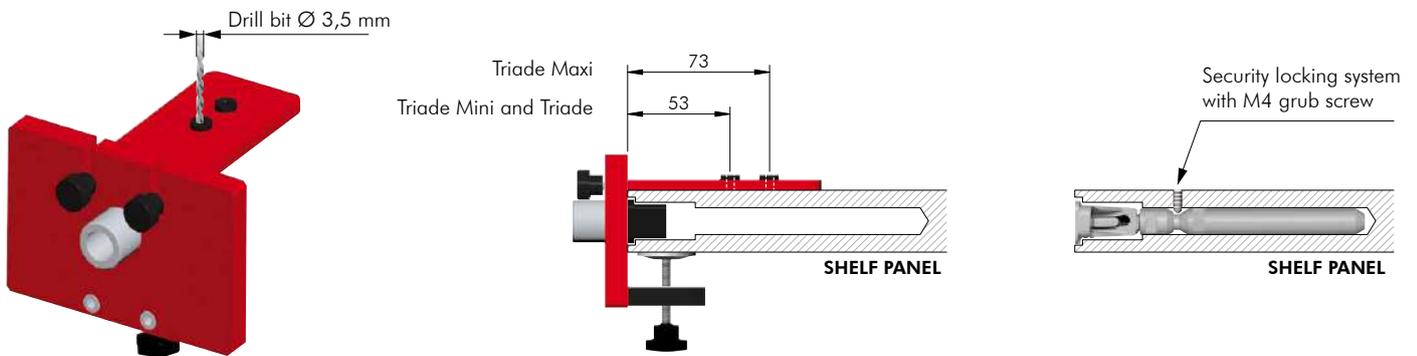
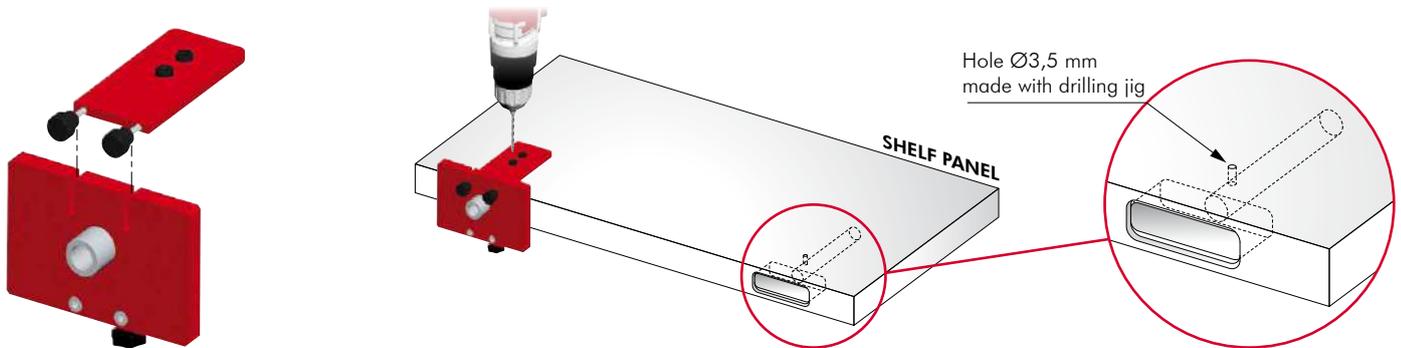
 

**YOJG0132RO**

## TRIADE DRILLING JIG INSERT FOR SECURITY LOCKING



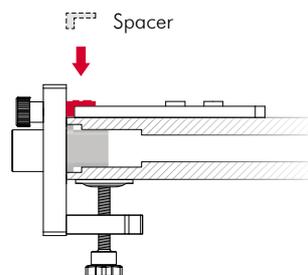
### GENERAL SPECIFICATIONS



### SPACERS AVAILABLE

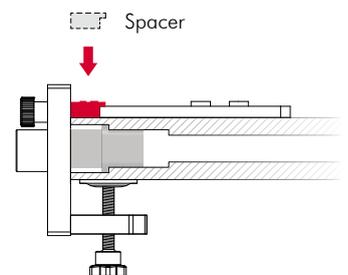
#### SPACER FOR TRIADE WALL BRACKETS

Part no. Y0JG054900



#### SPACER FOR TRIADE ALUMINIUM PROFILES

Part no. Y0JG055000



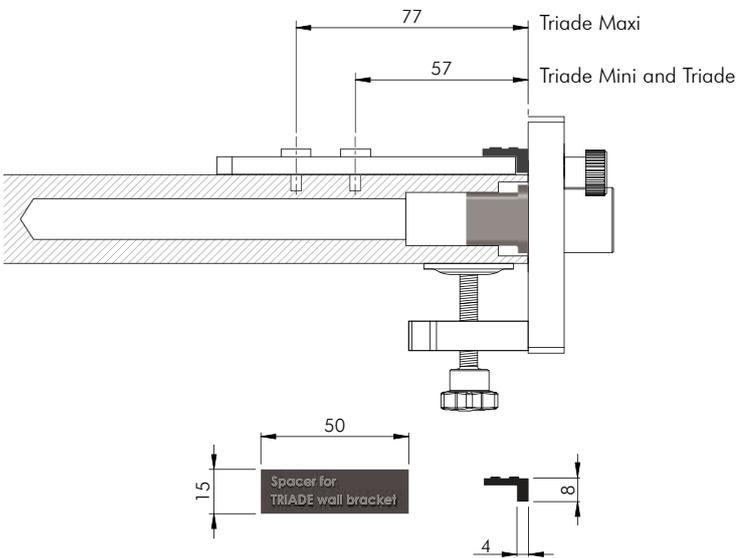


**DRILLING JIG INSERT FOR SECURITY LOCKING**

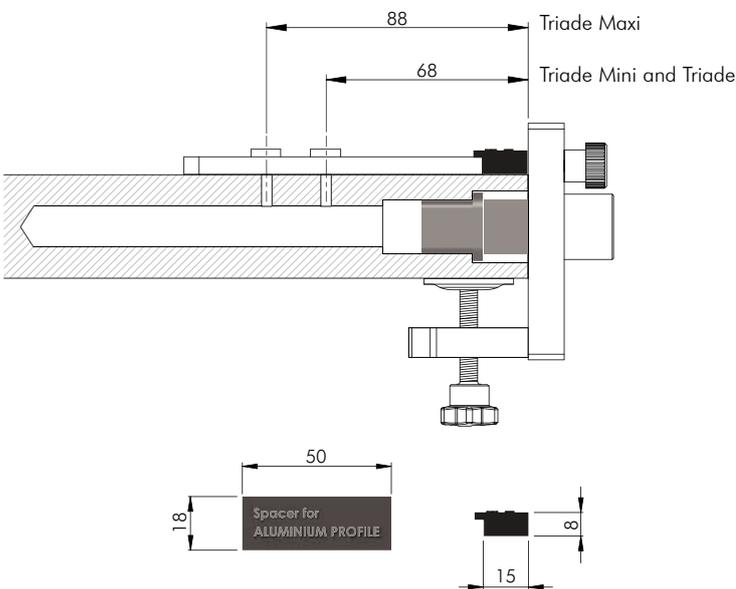


AL	ST	EP	= on request
123 <b>Y0JG0133RO</b>			

**SPACERS FOR SECURITY LOCKING**



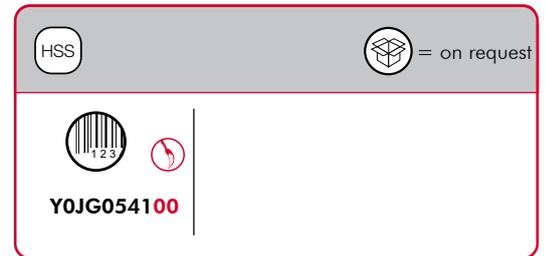
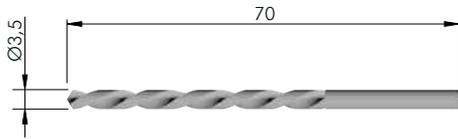
EP	= on request
123 <b>Y0JG054900</b>	



EP	= on request
123 <b>Y0JG055000</b>	



## 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
Y0JG013500	Y0JG055000
Y0JG013600	Y0JG054000
Y0JG013700	Y0JG054100
Y0JG013800	
Y0JG013900	

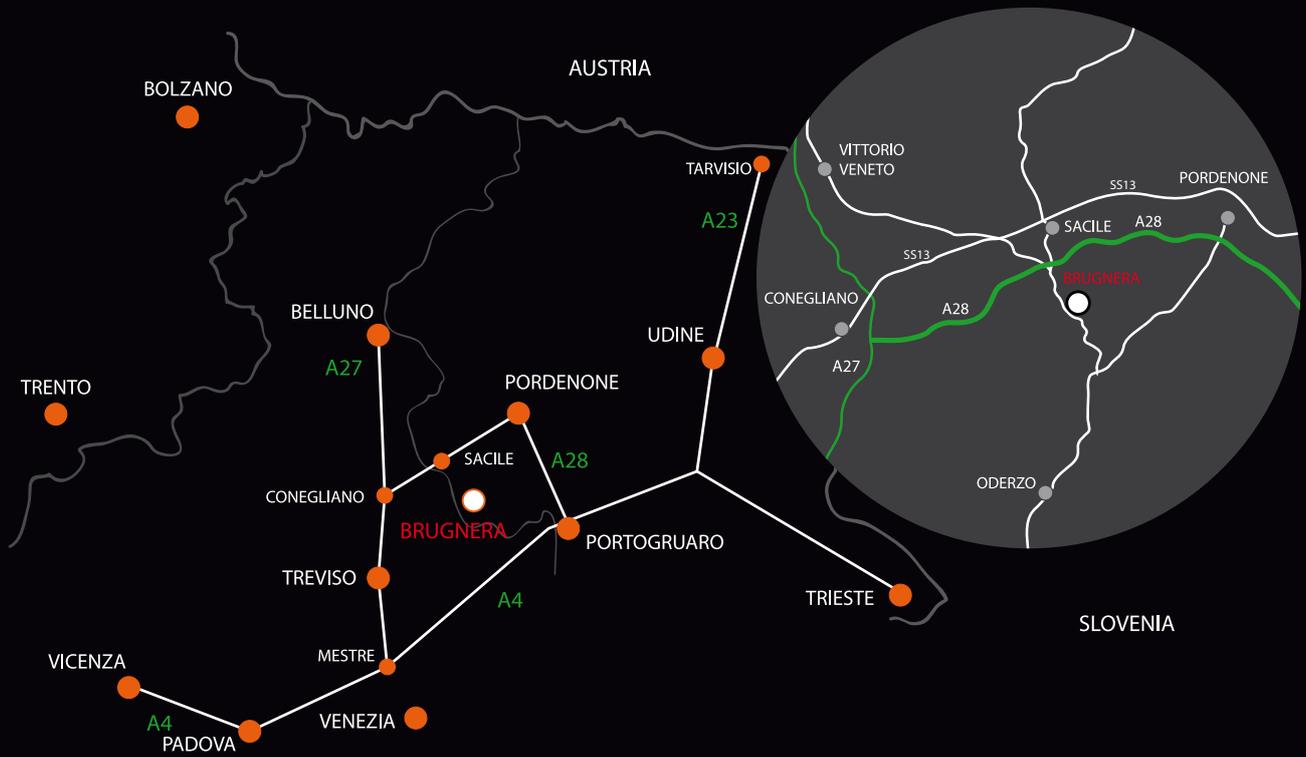


## SET WITH DRILLING JIG TRIADE AND DRILL BIT Ø14 mm (only template for Triade Regular)

CONTENT OF THE CASE:

Part no.
Y0JG0130RO
Y0JG013600
Y0JG054000





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