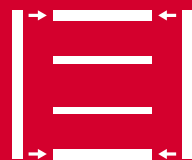


**ABRO**

 **ITALIANA**<sup>®</sup>  
*ferramenta*



Target

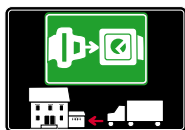


CONNECTINGS



# 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

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

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

<b>EPn</b> = Natural Engineering Plastic	<b>EPc</b> = Clear Engineering Plastic	<b>SRn</b> = Natural Soft Rubber
<b>EPw</b> = White Engineering Plastic	<b>EPg</b> = Grey Engineering Plastic	<b>SRw</b> = White Soft Rubber
<b>EPwg</b> = Water Green Engineering Plastic		<b>SRb</b> = 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		

## TARGET J10

TARGET J10 is a structural connecting fitting with high fastening capacity, suitable for mounting with wood dowels.

TARGET J10 is an ideal solution for the installation of cabinets in tight spaces. It provides the possibility of pre-assembling into the panels without obstructing the packaging.

Through an additional drilling spot on the bottom panel, it allows to adjust the leveller placed underneath with a common allen wrench.

### FEATURES AND BENEFITS

#### Easy pre-assembling

Simple pre-insertion into the panels. Conceived for automatic assembling.

#### Suitable for furniture in kit

Its unique features make TARGET the ideal solution for kit furniture.

#### No hardware kits

There is no need of hardware kits.

#### High-speed assembling

Mounting is extremely fast and efficient thanks to the pre-assembling of the panels.

#### Strong structural fastening

The panels are hard and securely fastened, therefore the cabinet is 100% stress-resistant.

#### Wide range of applications

Practical solution for a wide range of applications.



Interzum Award:  
Intelligent material & design 2017

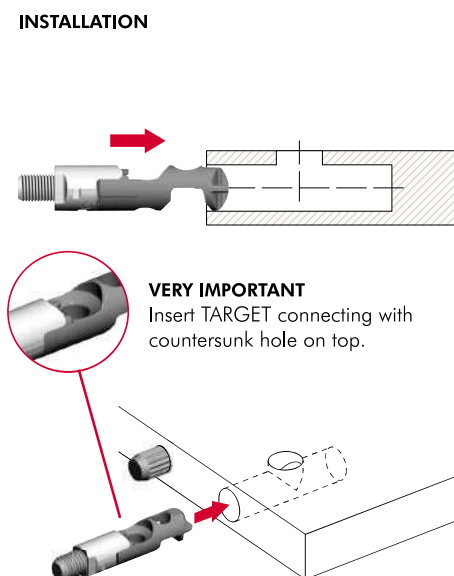
High Product Quality



15 - 25 mm

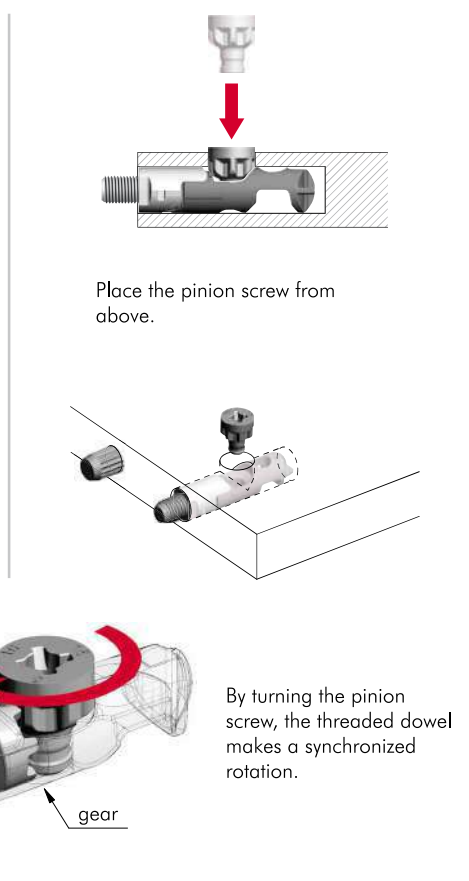


### INSTALLATION



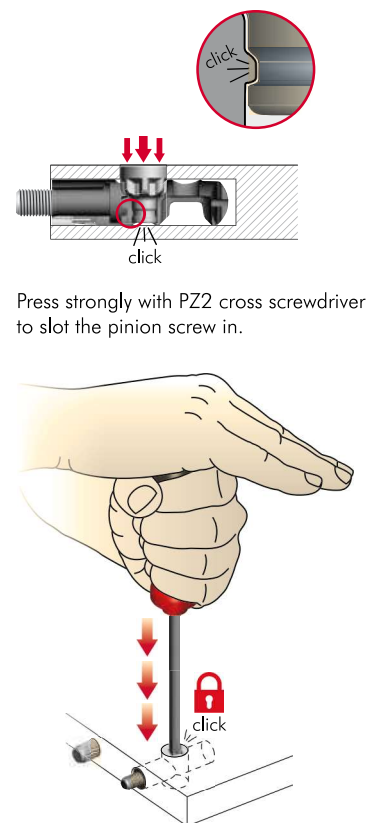
#### VERY IMPORTANT

Insert TARGET connecting with countersunk hole on top.



Place the pinion screw from above.

By turning the pinion screw, the threaded dowel makes a synchronized rotation.

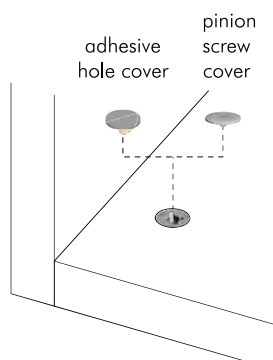
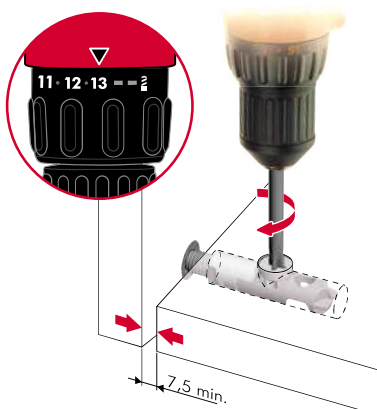


Press strongly with PZ2 cross screwdriver to slot the pinion screw in.

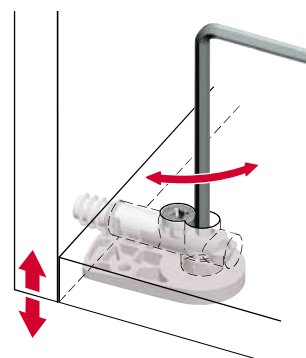
### ASSEMBLING

#### ⚠ VERY IMPORTANT

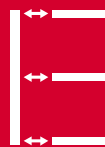
Cordless driver drill to be used ONLY with friction mode on.



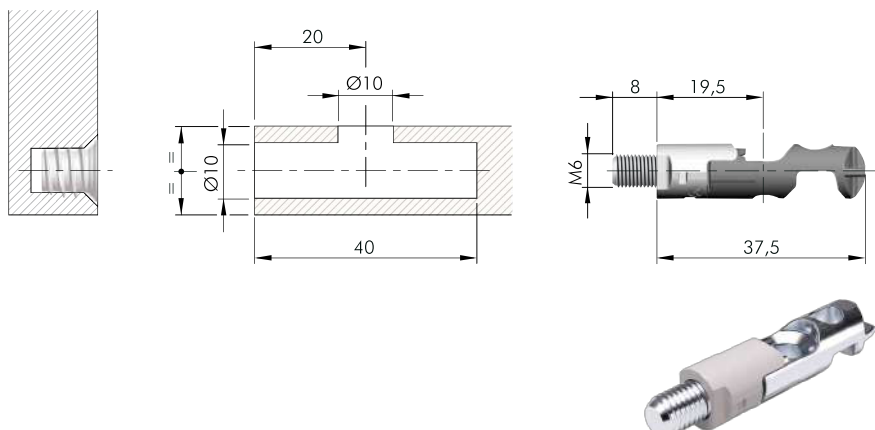
### LEVELLER ADJUSTMENT





For details refer to the related section about adjustable feet available.





## TARGET J10

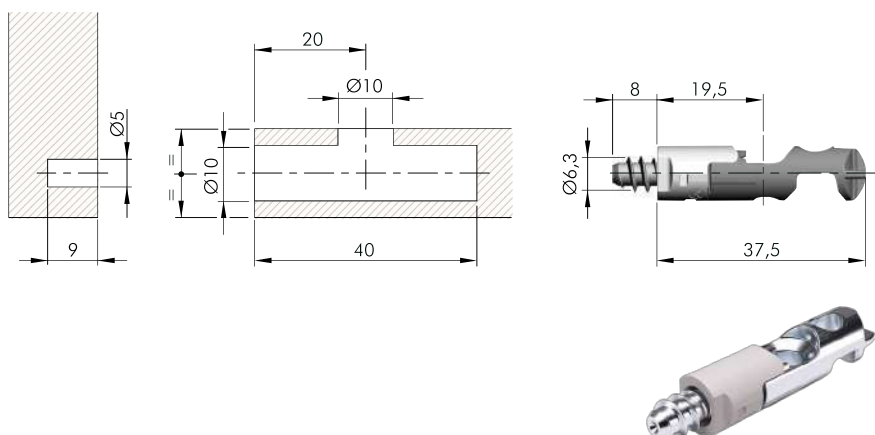



 = M6


ZA ST EP  = 1000 pcs.



 123 

**21802160ZN**

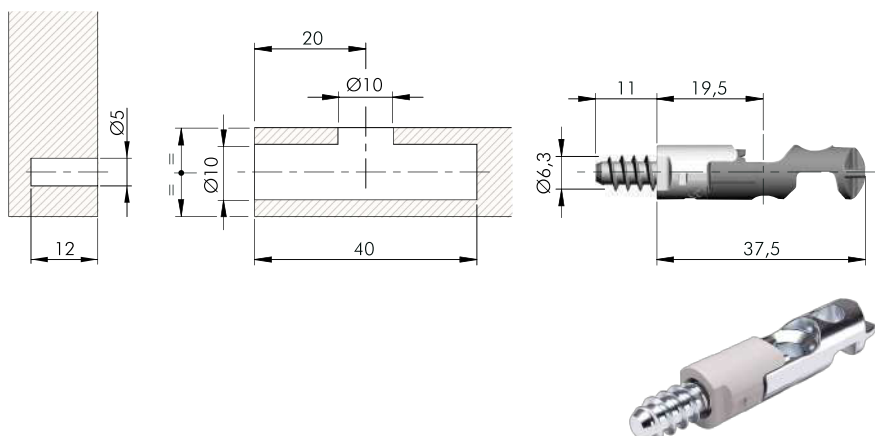



 = M6,3


ZA ST EP  = 1000 pcs.



 123 

**21803160ZN**

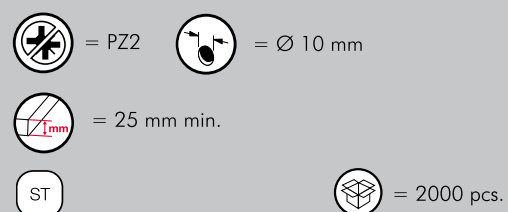
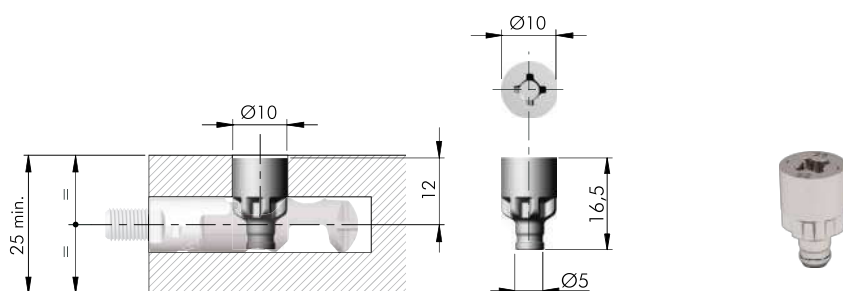
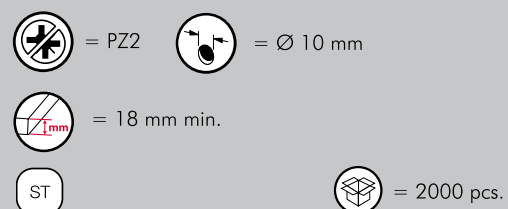
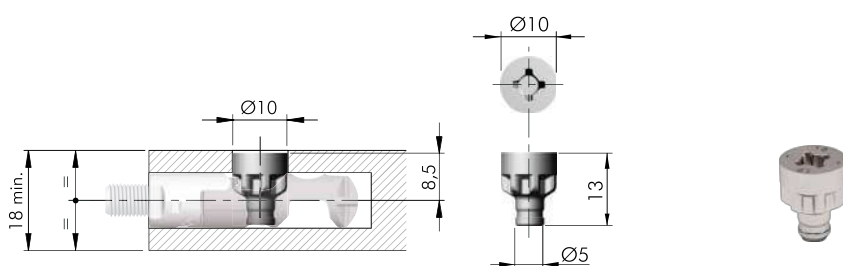
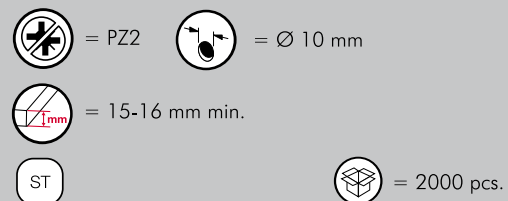
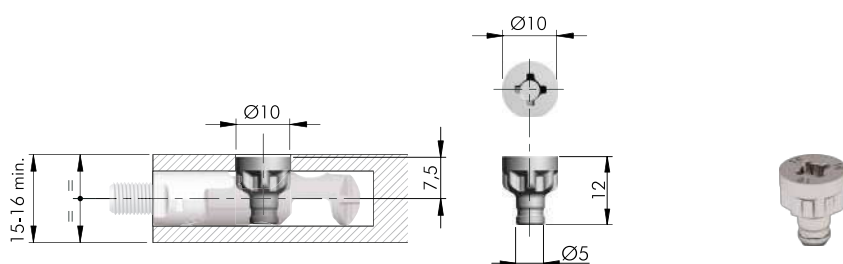


 = M6,3

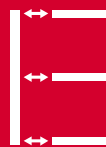
ZA ST EP  = 1000 pcs.

 123 

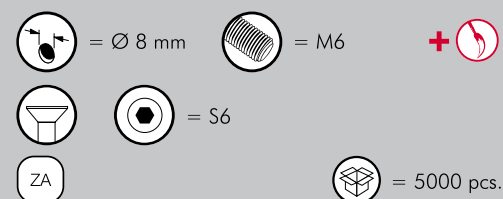
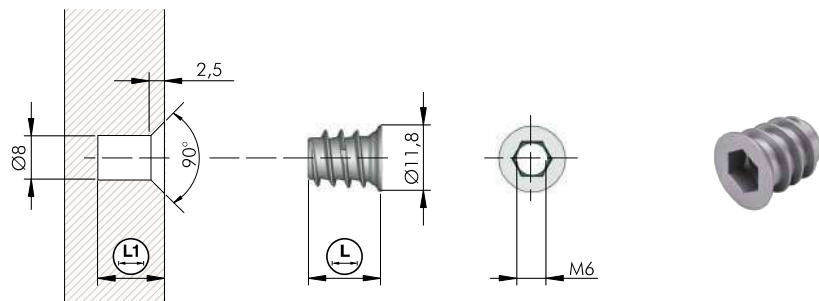
**21803220ZN**



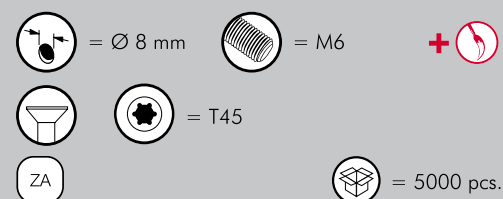
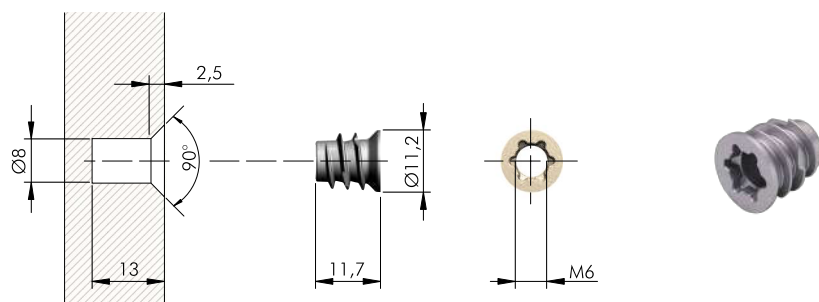
All information about drilling jigs are available at the end of the section Target.



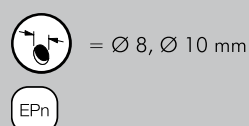
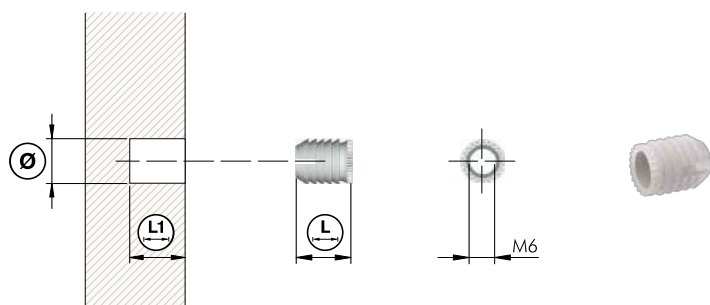
## TARGET FIXING ACCESSORIES



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20102020GR	13	15
20102040GR	17	19

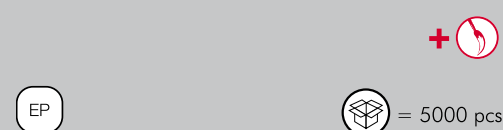


Barcode
20102150GR



Barcode	Ø	L	L1	Box
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20304040AA	10	13	15	1000

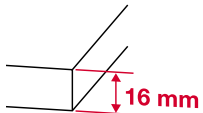
## TARGET J10 PINION SCREW COVER



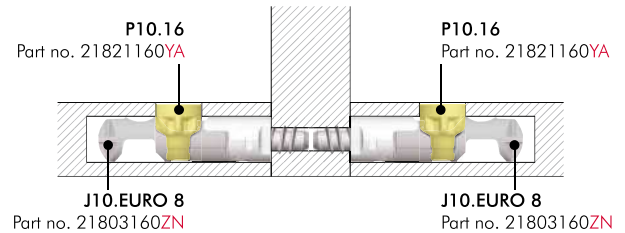
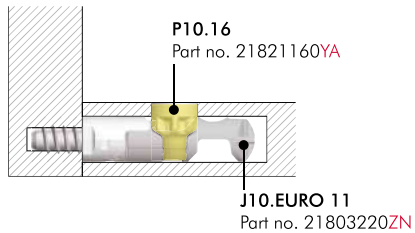
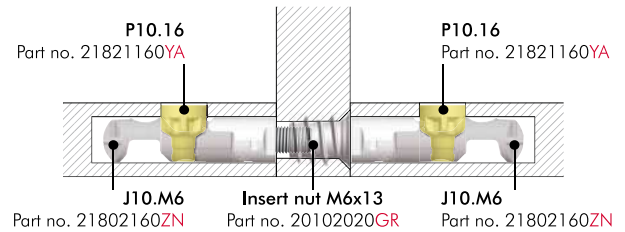
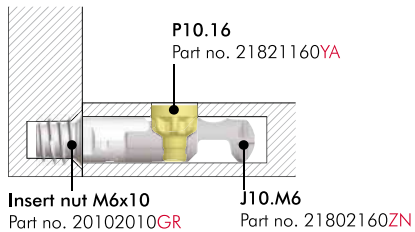
Barcode
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21893000IJ
21893000EE



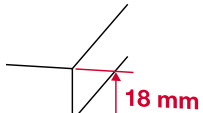
M6 thread



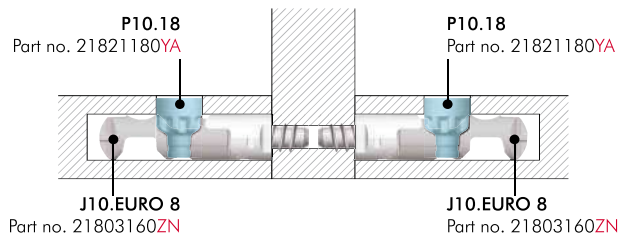
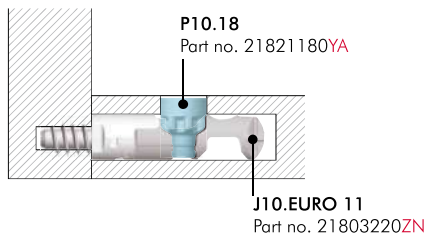
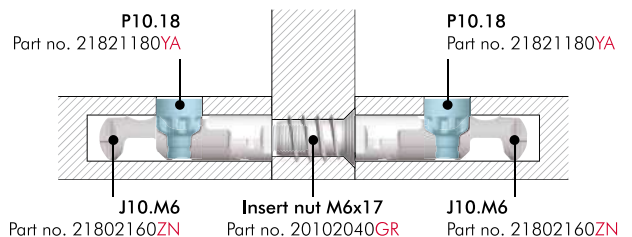
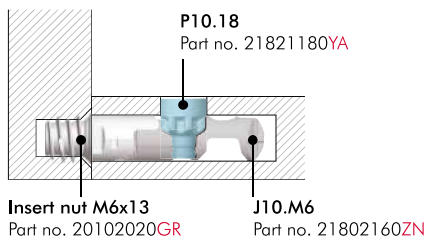
Euro thread



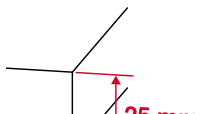
M6 thread



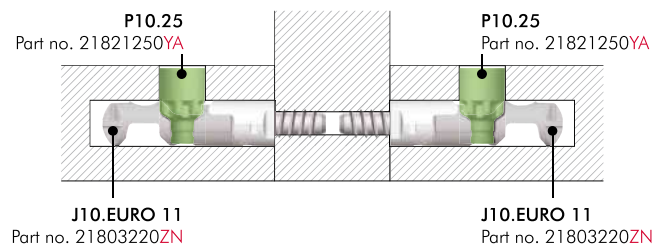
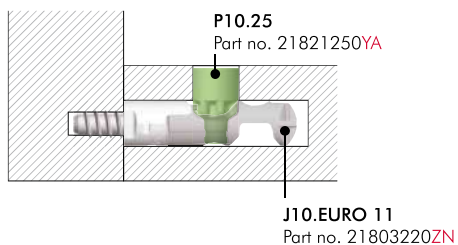
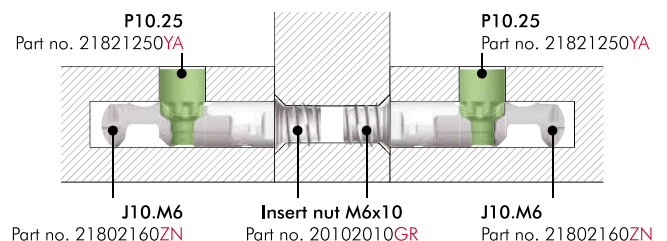
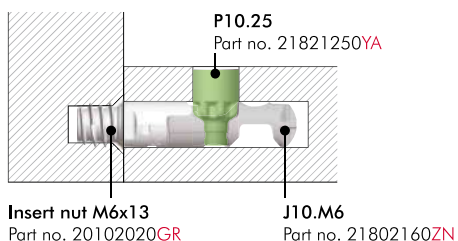
Euro thread



M6 thread



Euro thread





## LH7.28 ADJUSTABLE LEVELLER FOR TARGET J10

LH levellers include a range of adjustable feet especially conceived for cabinet construction with TARGET J10 and TARGET J12.

Both LH7.28 and LH7.20 are suitable for wall units with weight-bearing bottoms and offer 5 mm adjustment with leveller safety locking when fully adjusted.

The engineering plastic glide is independent to prevent the scratching of the floor.

The loading capacity is 150 Kg each for both versions.

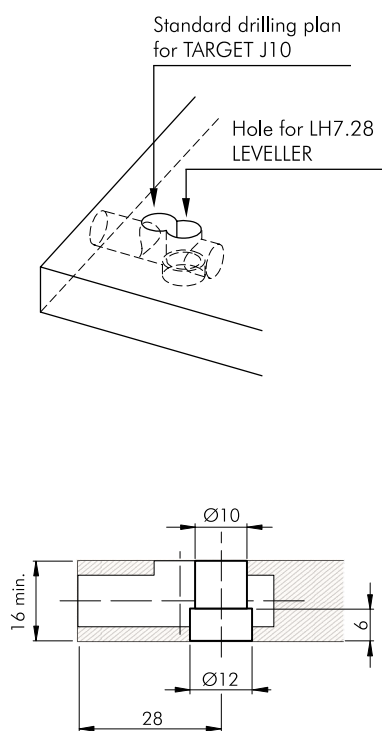
Specific features of LH7.28:

- Minimum panel thickness 16mm in combination with Target J10.
- Adjustment to be carried out with an S4 key by drilling a bespoke hole on the panel.

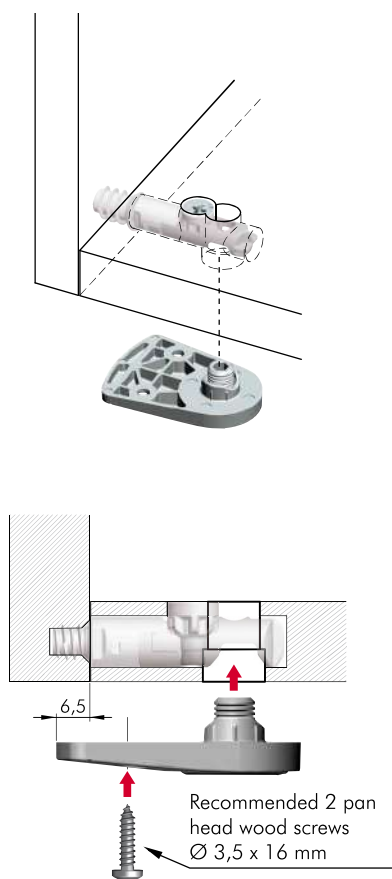
150 Kg per piece



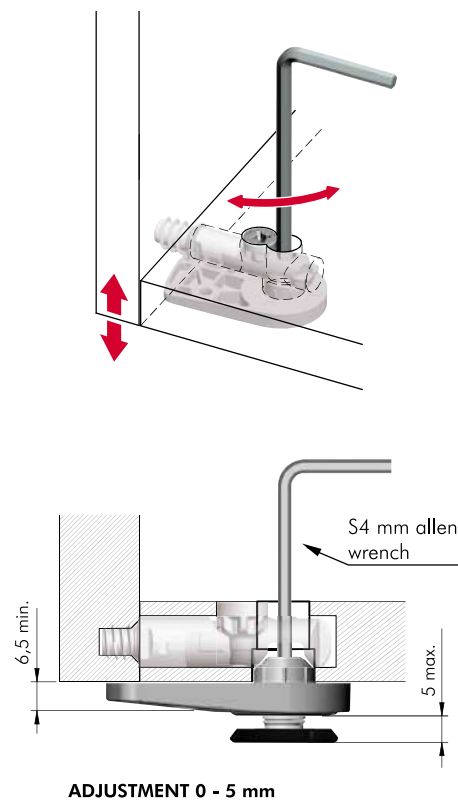
### DRILLING PLAN DETAIL



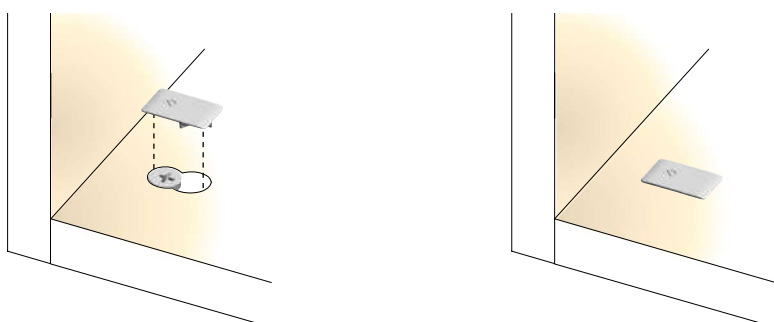
### INSTALLATION

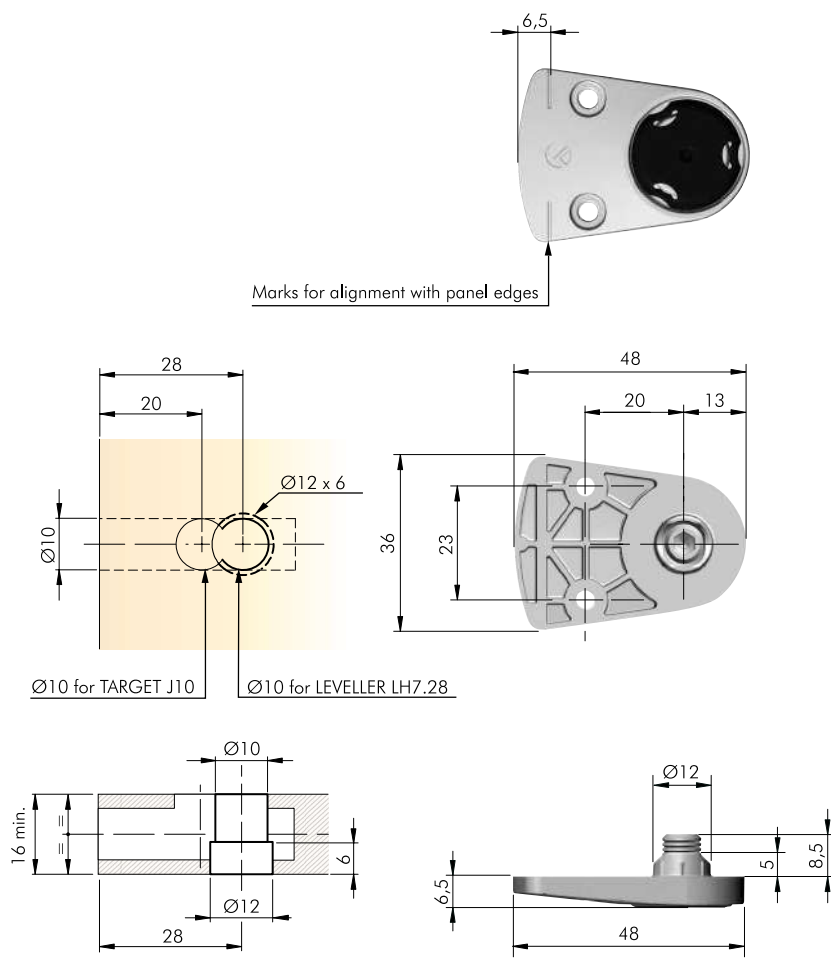


### ADJUSTMENT

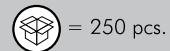


### COVER CAP INSERTING

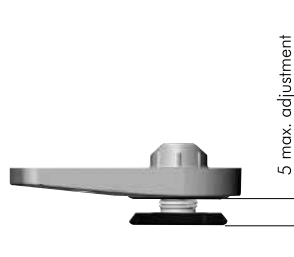




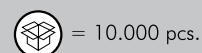
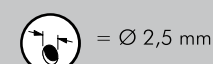
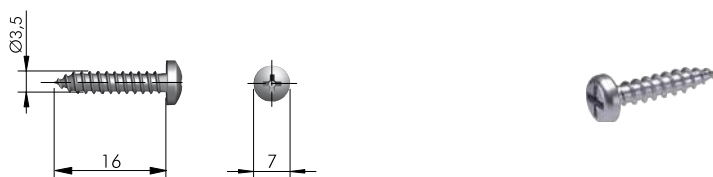
## ADJUSTMENT 0 - 5 mm



21836280ZN

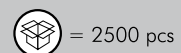
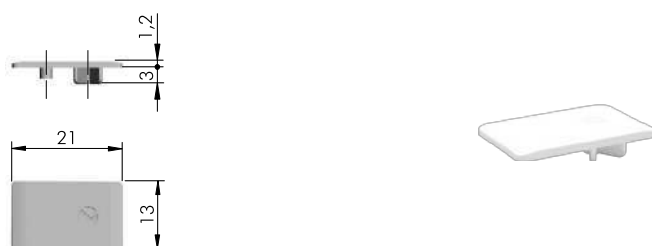


## LH7.28 LEVELLER ACCESSORY



60103140ZN

## LH7.28 LEVELLER COVER CAP



P1707891AB

P1707891EE

## TARGET J12

TARGET J12 is a structural connecting fitting with high fastening capacity, suitable for mounting with wood dowels.

TARGET J12 is an ideal solution for the installation of cabinets in tight spaces. It provides the possibility of pre-assembling into the panels without obstructing the packaging.

The through-passing hole allows to adjust the leveller placed underneath with a common allen wrench.

### FEATURES AND BENEFITS

#### Easy pre-assembling

Simple pre-insertion into the panels. Conceived for automatic assembling.

#### Suitable for furniture in kit

Its unique features make TARGET the ideal solution for kit furniture.

#### No hardware kits

There is no need of hardware kits.

#### High-speed assembling

Mounting is extremely fast and efficient thanks to the pre-assembling of the panels.

#### Strong structural fastening

The panels are hard and securely fastened, therefore the cabinet is 100% stress-resistant.

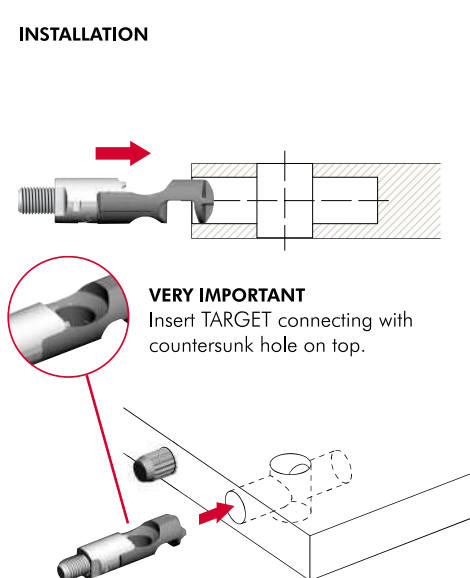
#### Wide range of applications

Practical solution for a wide range of applications.

15 - 25 mm

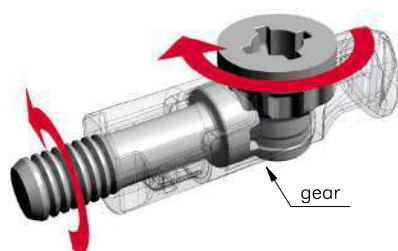


### INSTALLATION

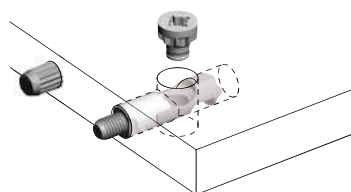


#### VERY IMPORTANT

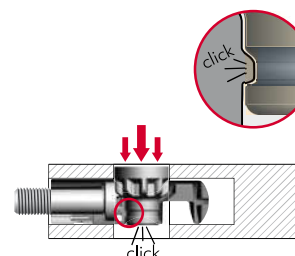
Insert TARGET connecting with countersunk hole on top.



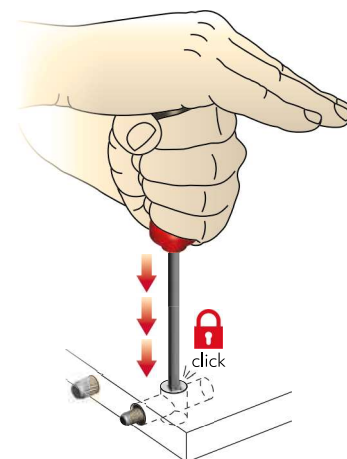
Place the pinion screw from above.



By turning the pinion screw, the threaded dowel makes a synchronized rotation.



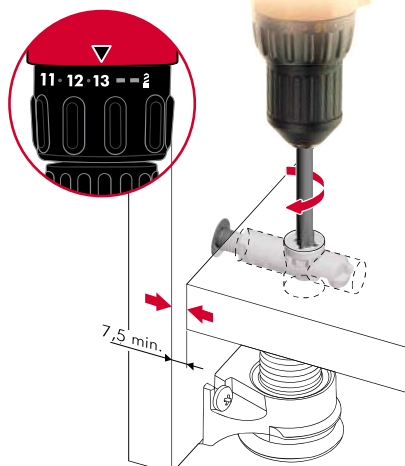
Press strongly with PZ2 cross screwdriver to slot the pinion screw in.



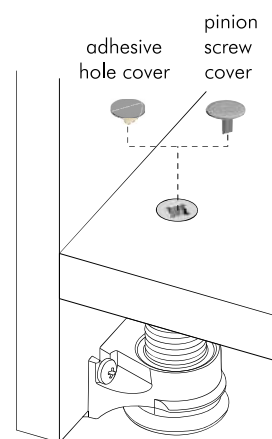
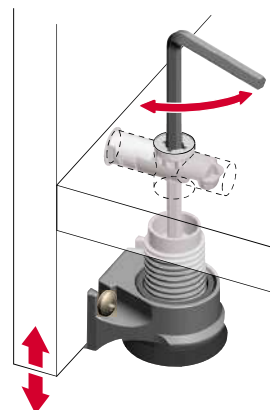
### ASSEMBLING AND LEVELLER ADJUSTMENTS

#### VERY IMPORTANT

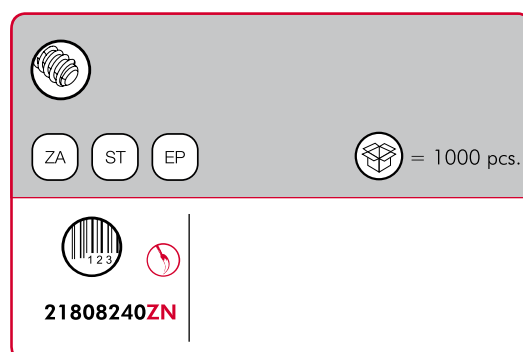
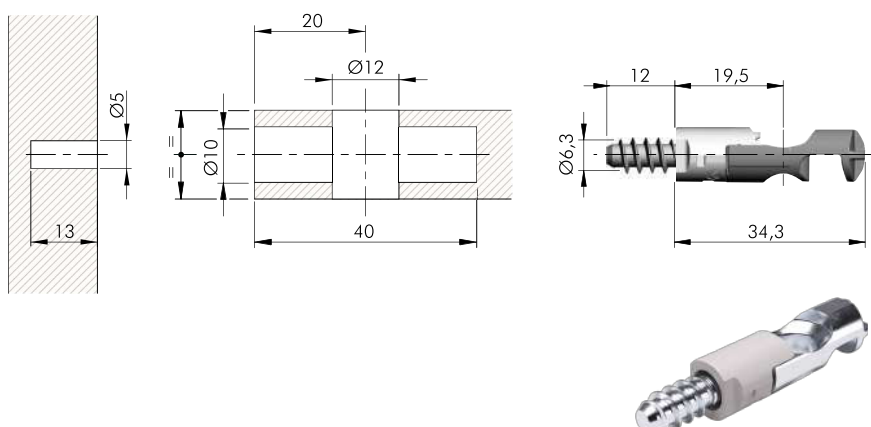
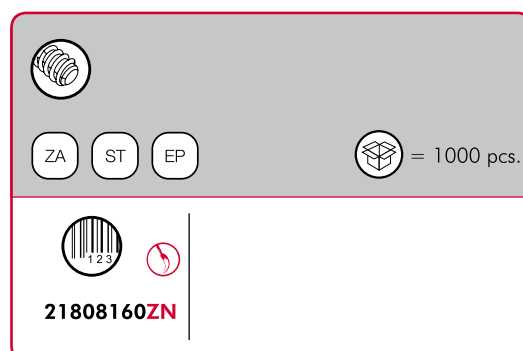
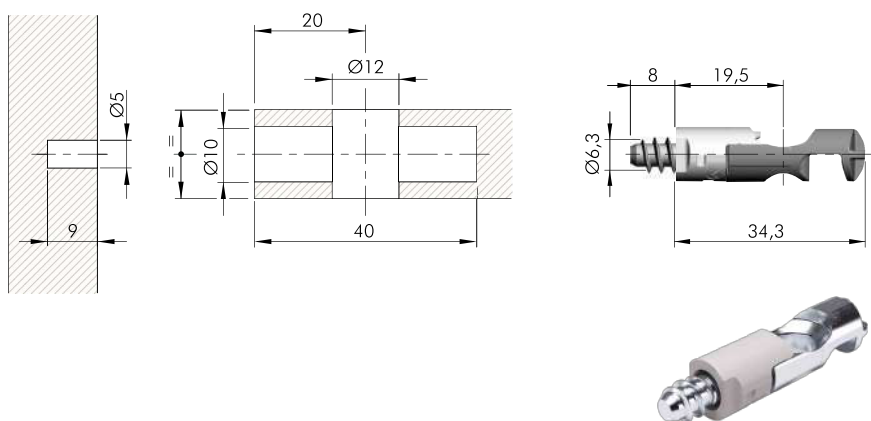
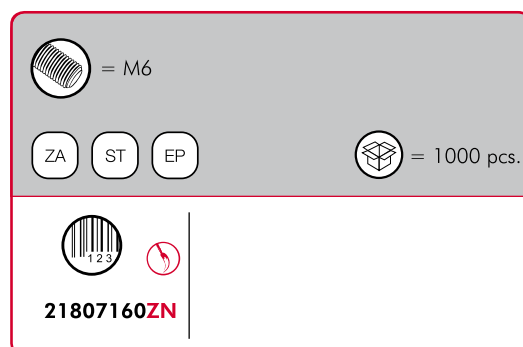
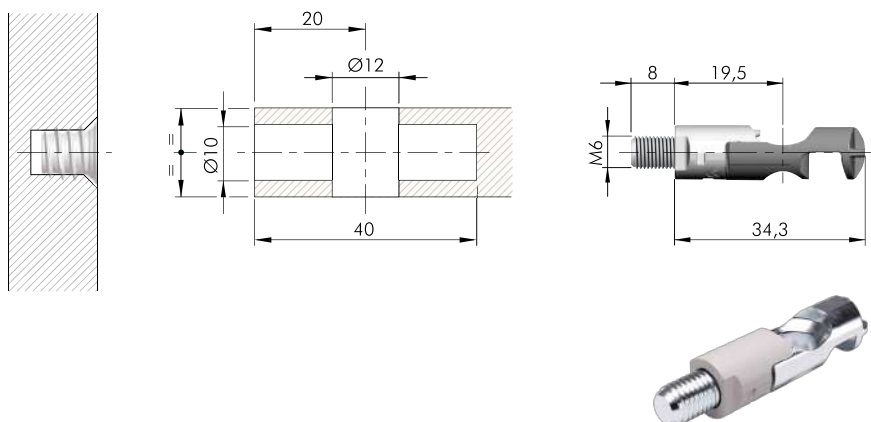
Cordless driver drill to be used ONLY with friction mode on.

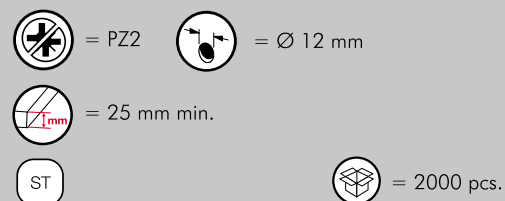
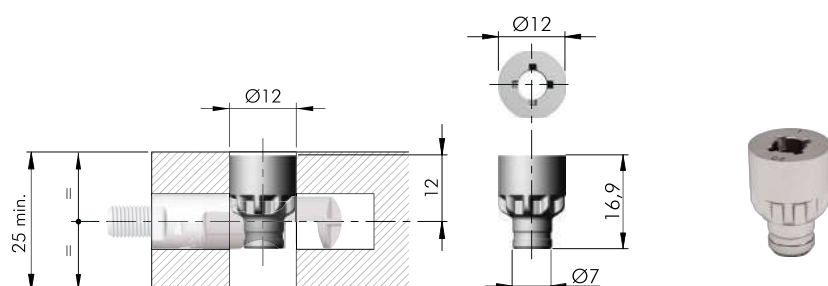
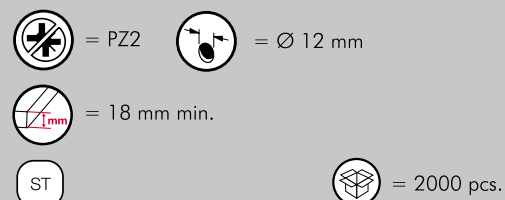
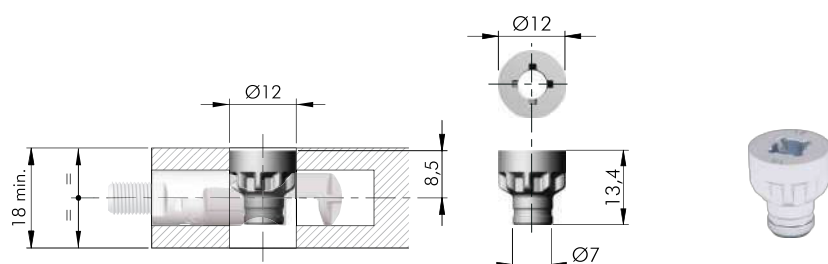
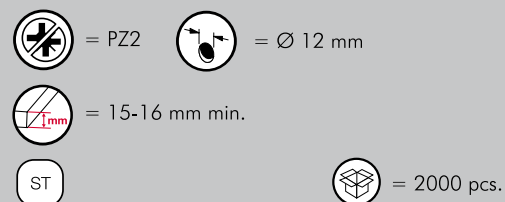
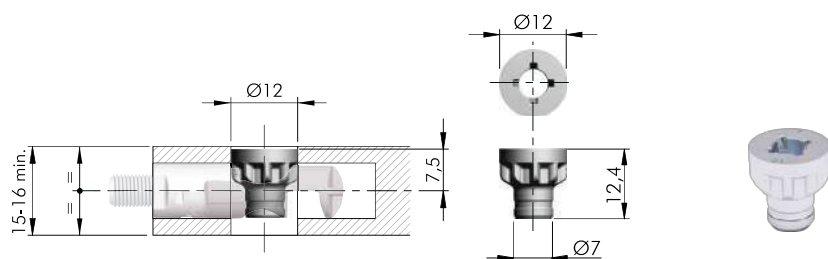
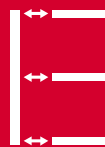


For details about adjustable levellers for TARGET J12 refer to the related sections.



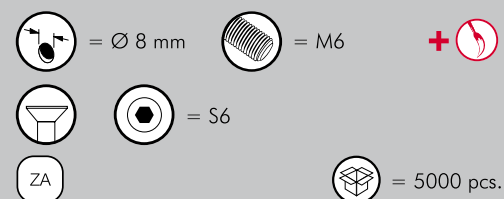
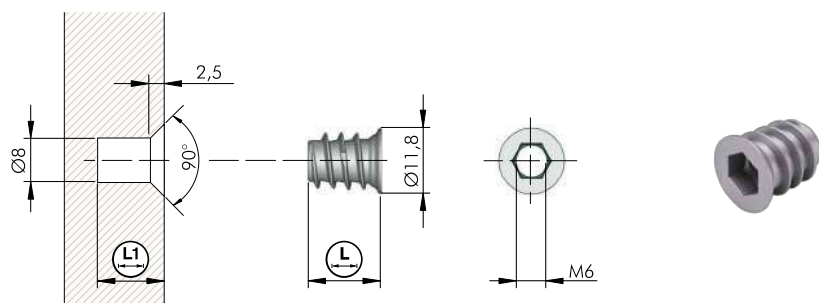
## TARGET J12



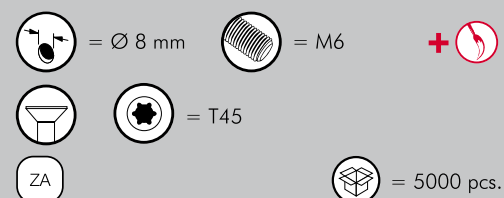
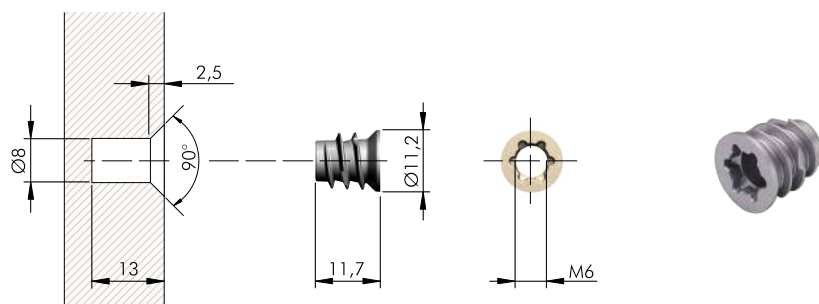


All information about drilling jigs are available at the end of the section Target.

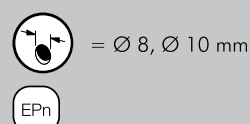
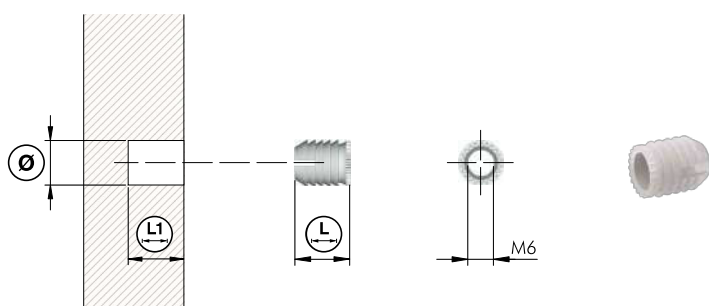
## TARGET FIXING ACCESSORIES



Barcode	L	L1
20102010GR	10	12
20102020GR	13	15
20102040GR	17	19

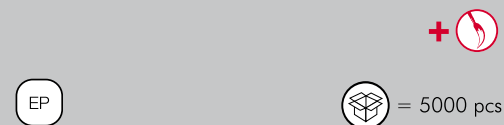


Barcode
20102150GR

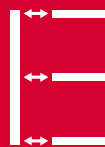


Barcode	Ø	L	L1	Box
20303030AA	8	11	13	5000
20304030AA	10	11	13	1000
20304040AA	10	13	15	1000

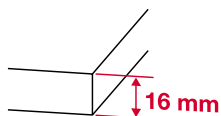
## TARGET J12 PINION SCREW COVER



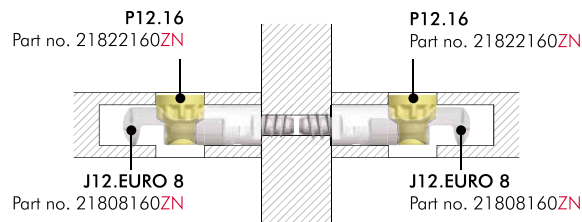
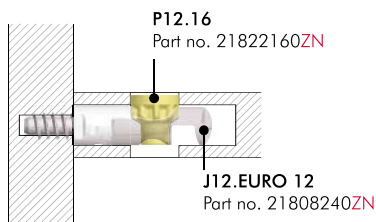
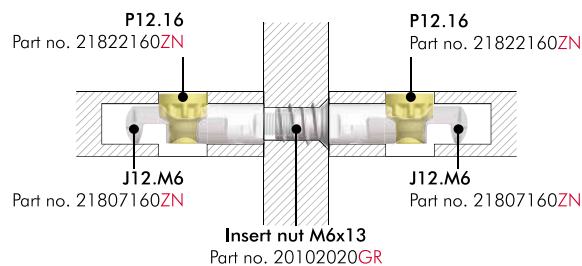
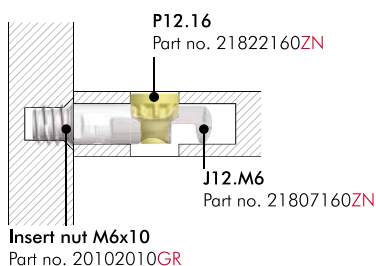
Barcode
21894000AB
21894000IJ
21894000EE



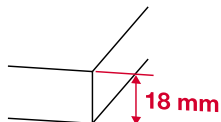
M6 thread



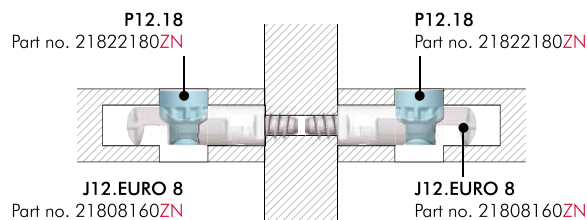
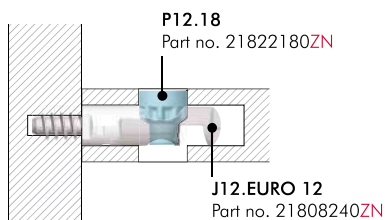
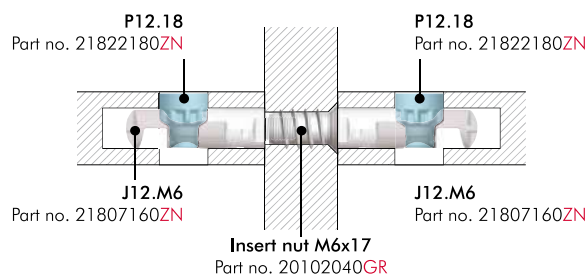
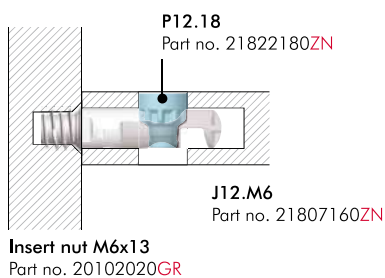
Euro thread



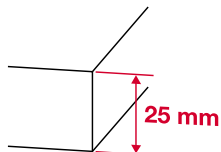
M6 thread



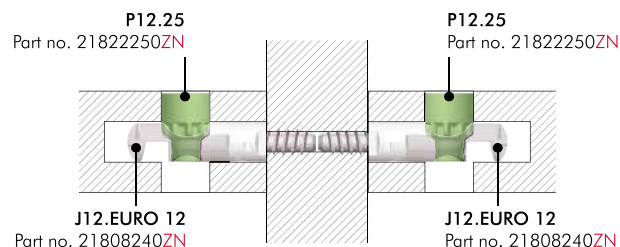
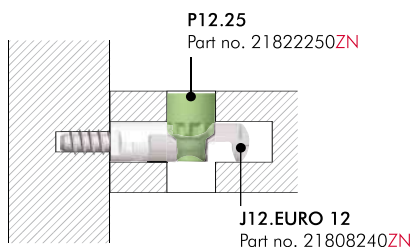
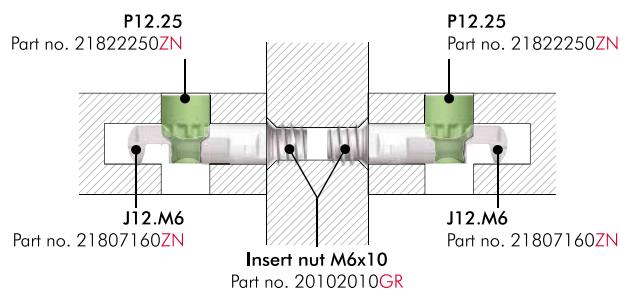
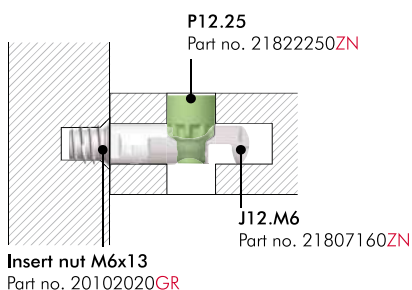
Euro thread



M6 thread



Euro thread





## LH7.20 ADJUSTABLE LEVELLER FOR TARGET J12

LH levellers include a range of adjustable feet especially conceived for cabinet construction with TARGET J10 and TARGET J12.

Both LH7.28 and LH7.20 are suitable for wall units with weight-bearing bottoms and offer 5 mm adjustment with leveller safety locking when fully adjusted.

The engineering plastic glide is independent to prevent the scratching of the floor.

The loading capacity is 150 Kg each for both versions.

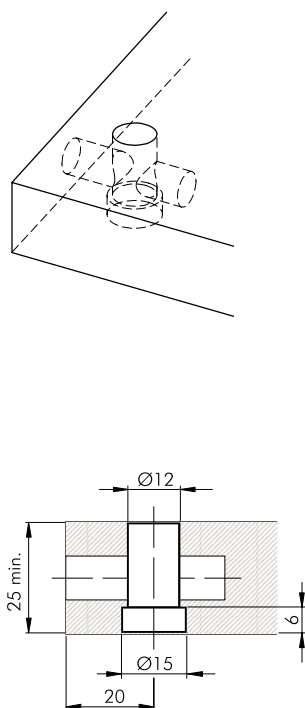
Specific features of LH7.20

- Minimum panel thickness 25mm in combination with Target J12.
- Adjustment to be carried out with an S4 key through the pinion hole (no need for extra drilling).

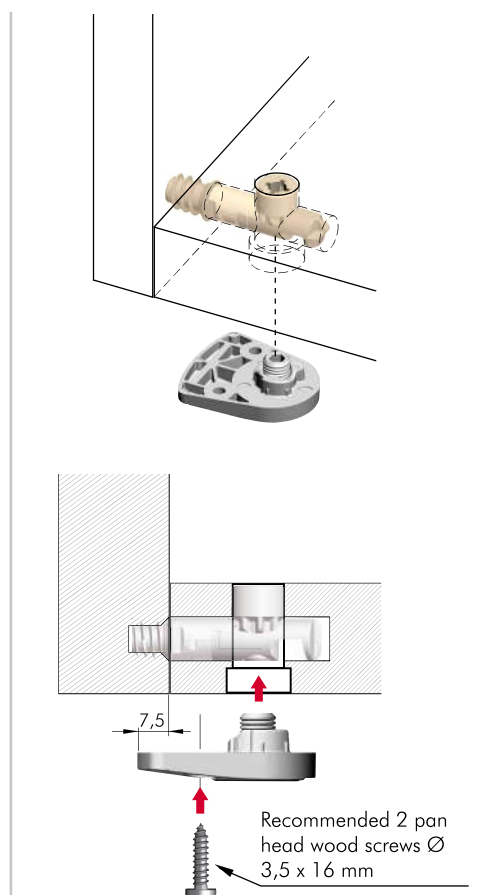
150 Kg per piece



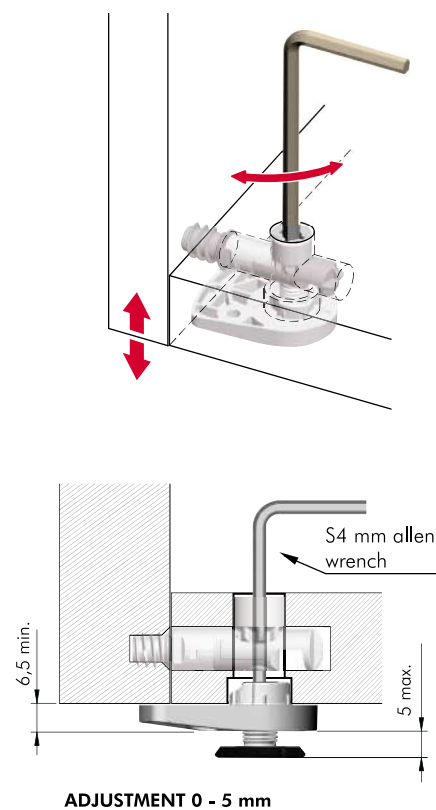
### DRILLING PLAN DETAIL



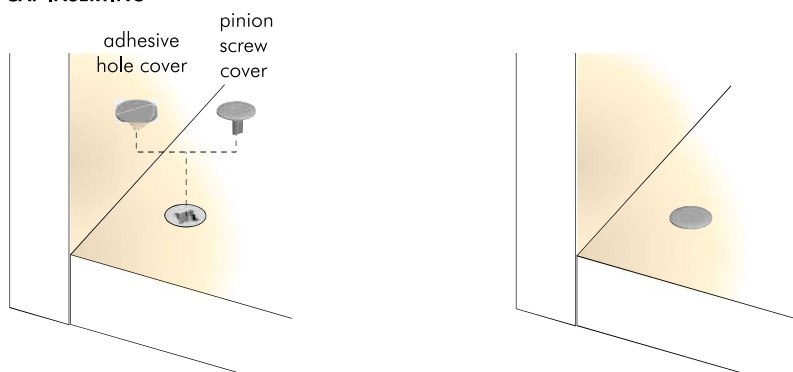
### INSTALLATION

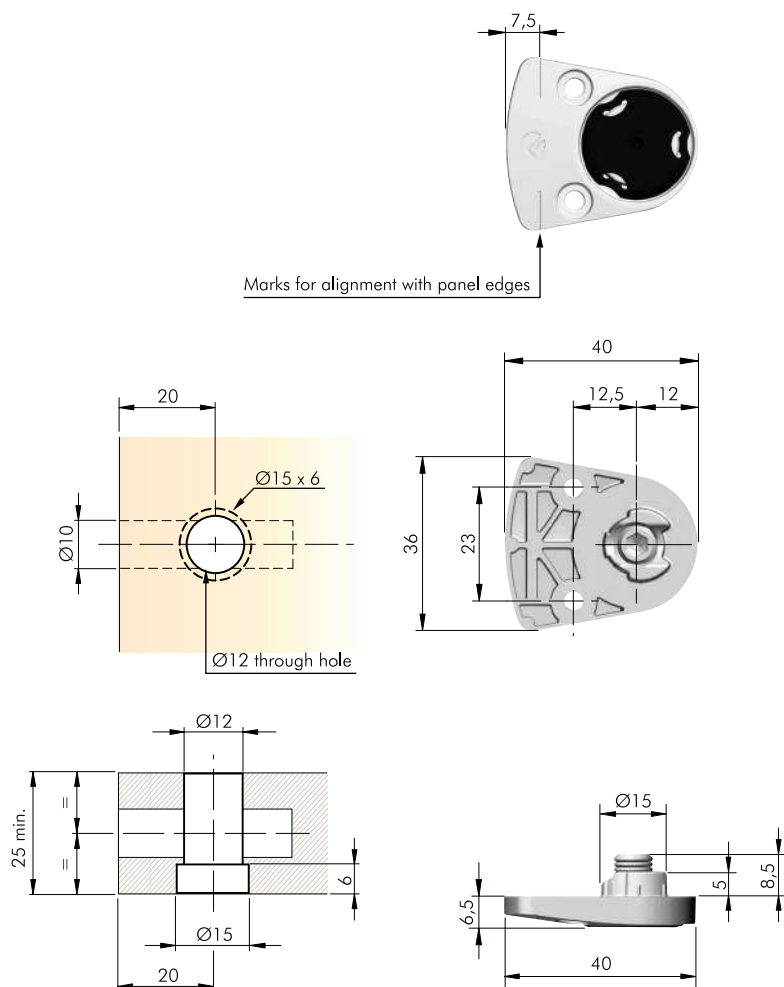
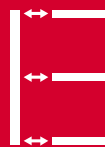


### ADJUSTMENT

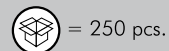


### COVER CAP INSERTING

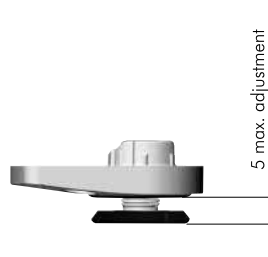




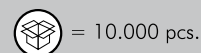
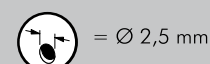
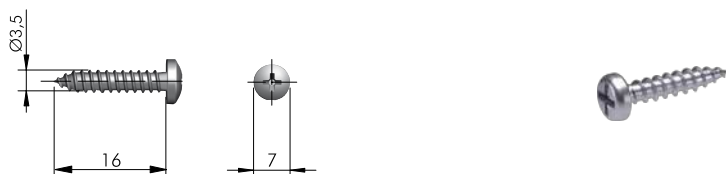
ADJUSTMENT 0 - 5 mm



**21836200ZN**

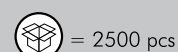


## LH7.20 LEVELLER ACCESSORY



**60103140ZN**

## TARGET J12 PINION SCREW COVER



**21894000AB**

**21894000IJ**

**21894000EE**

## INTEGRATO ADJUSTABLE LEVELLERS FOR TARGET J12

INTEGRATO FOR TARGET include the versions within INTEGRATO family which are adapted for the construction with our connecting system TARGET J12.

Anyways, all versions of INTEGRATO FOR TARGET can be used also without TARGET J12.

The only different feature compared to all other INTEGRATO models is the S4 cavity in the adjustor, which is conceived for height adjustment when used with TARGET J12.

In this case, the adjustment is possible thanks to the passing through hole of TARGET J12 pinion screw by using a S4 allen wrench.

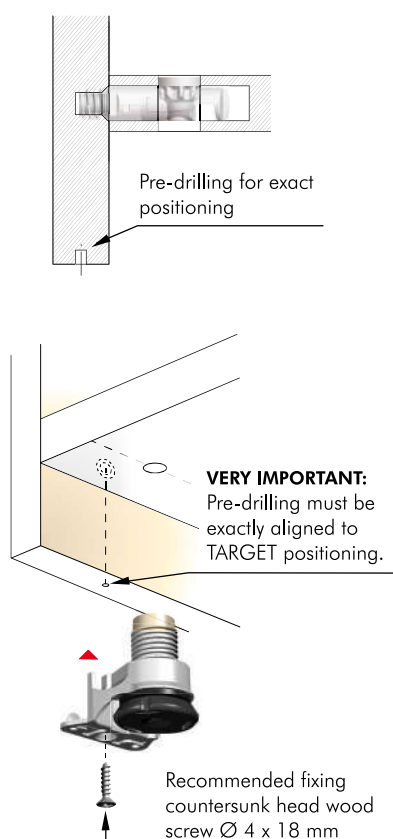
All other features and benefits remain unchanged.

All versions of INTEGRATO FOR TARGET are capable of supporting a 175 Kg load each and are available with 12 and 25 mm adjustment.

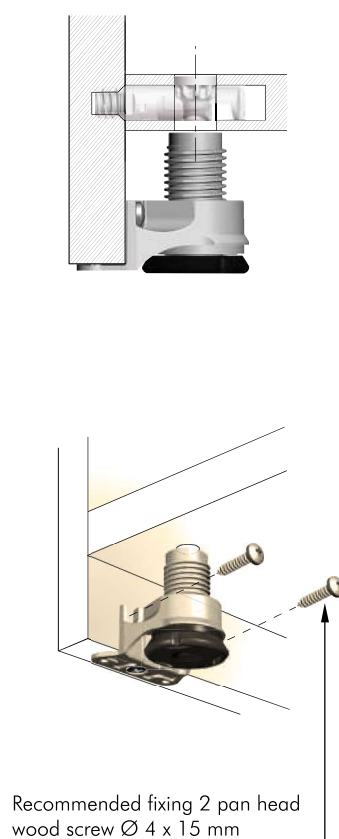
175 Kg per piece



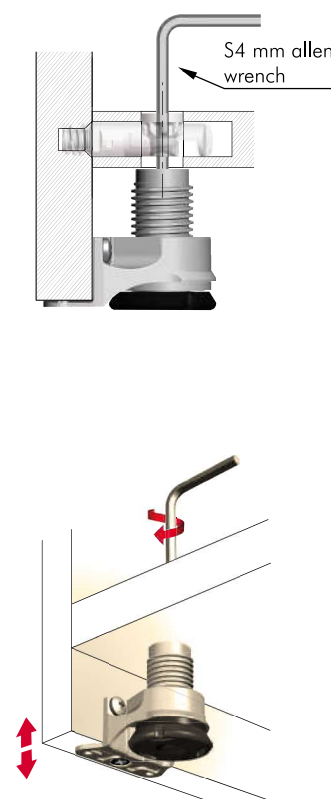
### DRILLING PLAN DETAIL



### INSTALLATION

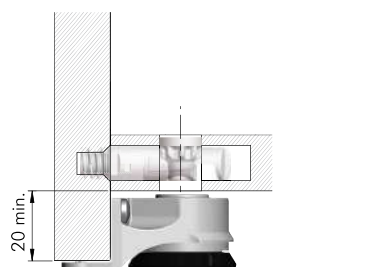


### ADJUSTMENT

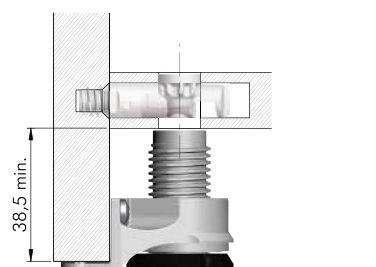


### INTEGRATO VERSIONS

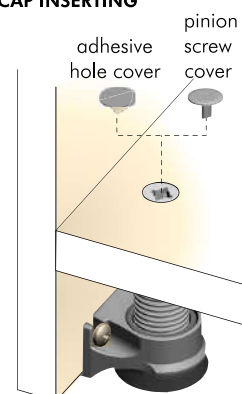
#### Adjustment 0 - 12 mm



#### Adjustment 0 - 25 mm

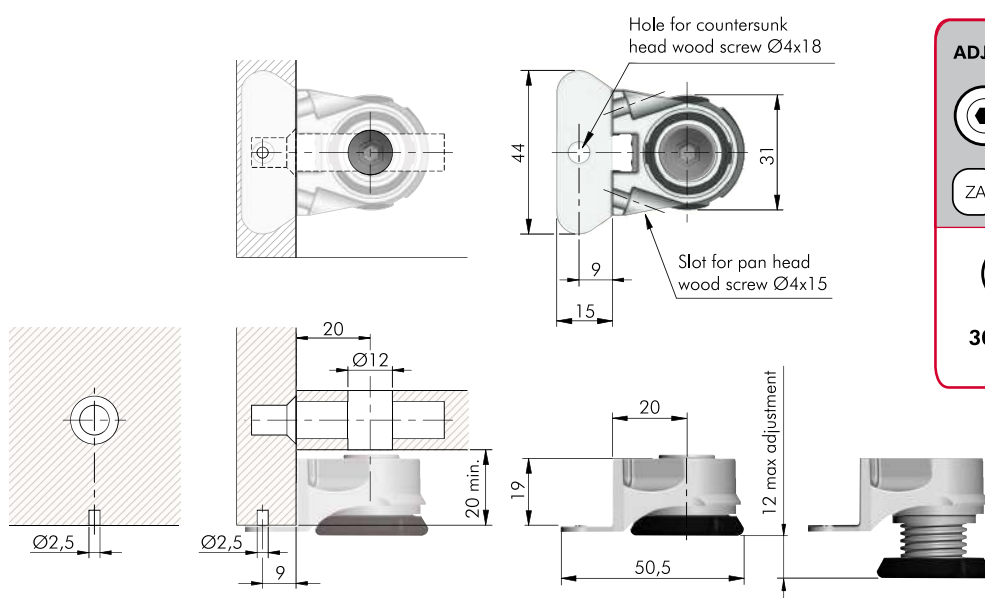


### COVER CAP INSERTING

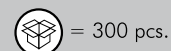
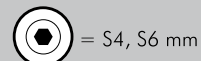




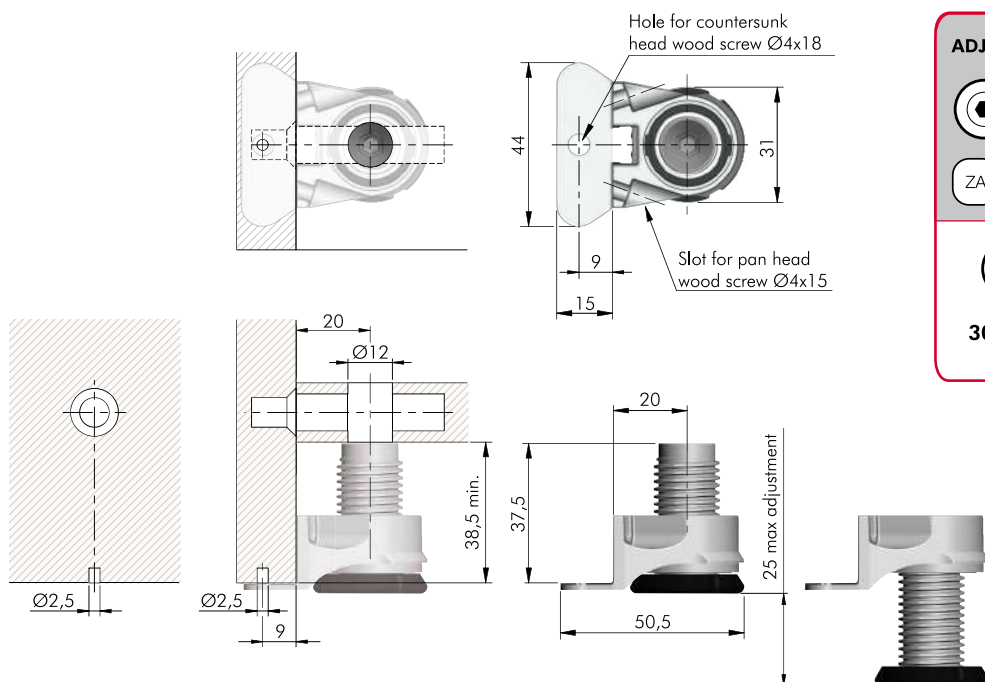
## INTEGRATO A FOR TARGET J12



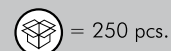
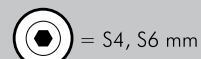
**ADJUSTMENT 0 - 12 mm**



3010104000

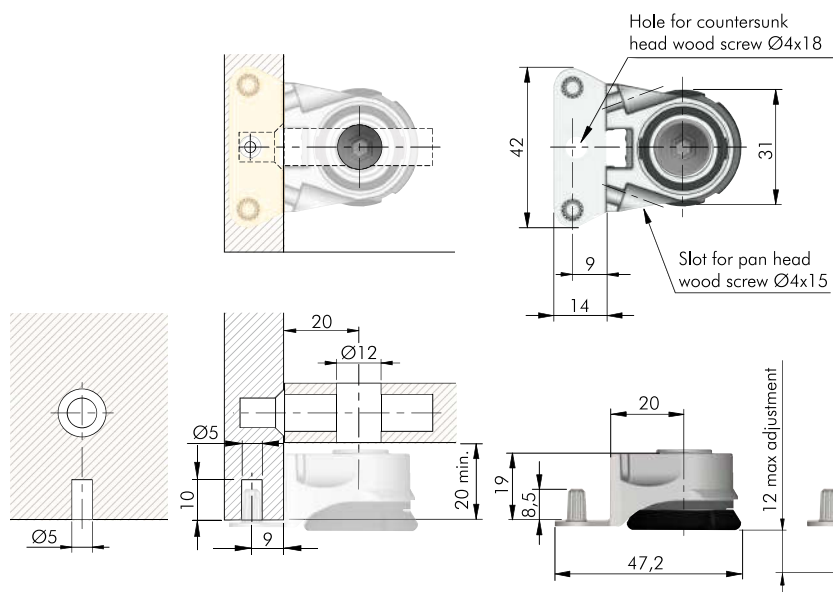


**ADJUSTMENT 0 - 25 mm**




3010105000

## INTEGRATO D FOR TARGET J12



**ADJUSTMENT 0 - 12 mm**

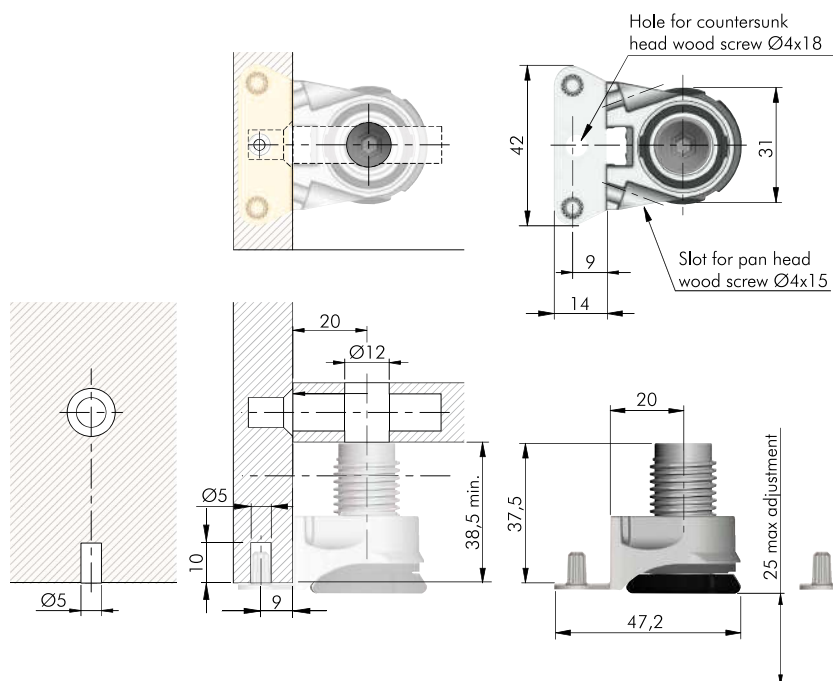
 = S4, S6 mm

ZA EP


 = 300 pcs.



3010405000



### ADJUSTMENT 0 - 25 mm

 = S4, S6 mm

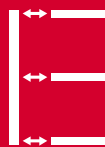
ZA EP

 = 250 pcs.

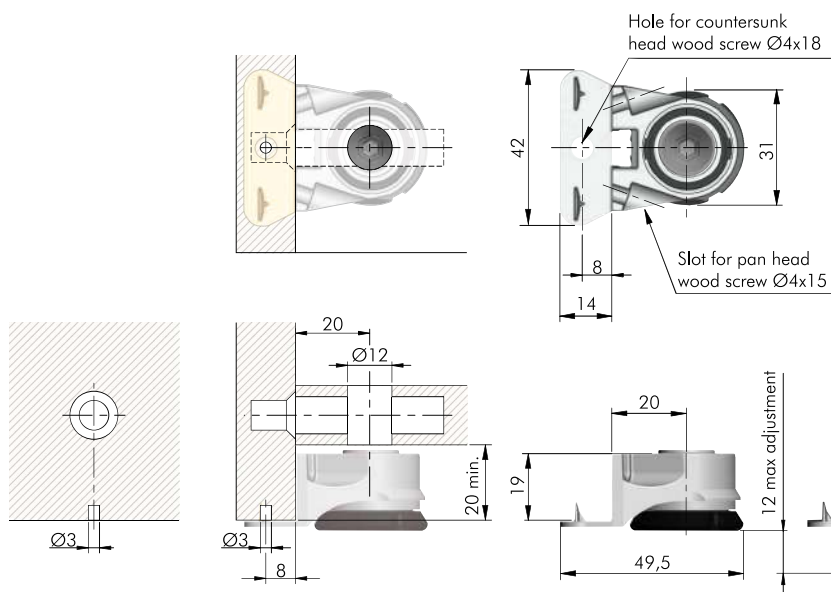


3010404000





## INTEGRATO G FOR TARGET J12



**ADJUSTMENT 0 - 12 mm**


$$) = S4, S6 \text{ mm}$$

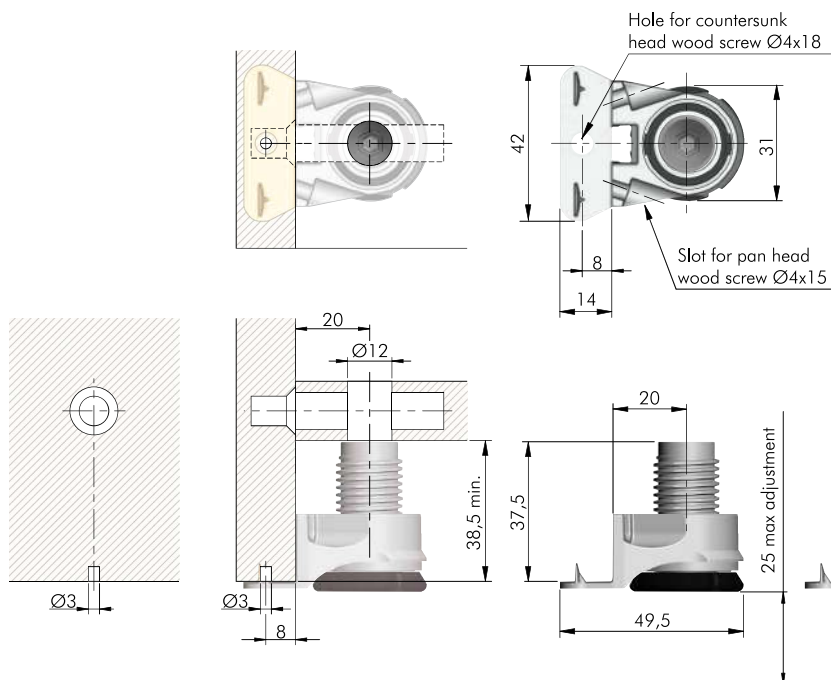

EP



$\Rightarrow 300$  pcs.



3010603000



### ADJUSTMENT 0 - 25 mm


$$) = S4, S6 \text{ mm}$$


EP



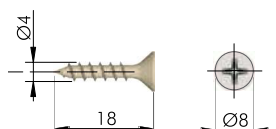
$\text{C}_{\text{max}} = 250 \text{ pcs.}$



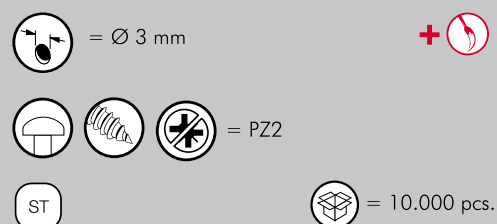
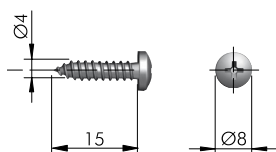
3010604000



## INTEGRATO FIXING ACCESSORIES

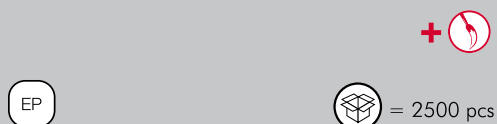
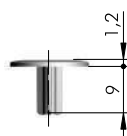


60101580ZN



60103230ZN

## TARGET J12 PINION SCREW COVER



21894000AB

21894000IJ

21894000EE



## LH60.20 ADJUSTABLE LEVELLER FOR TARGET J12

LH levellers include a range of adjustable feet especially conceived for cabinet construction with TARGET J10 and TARGET J12.

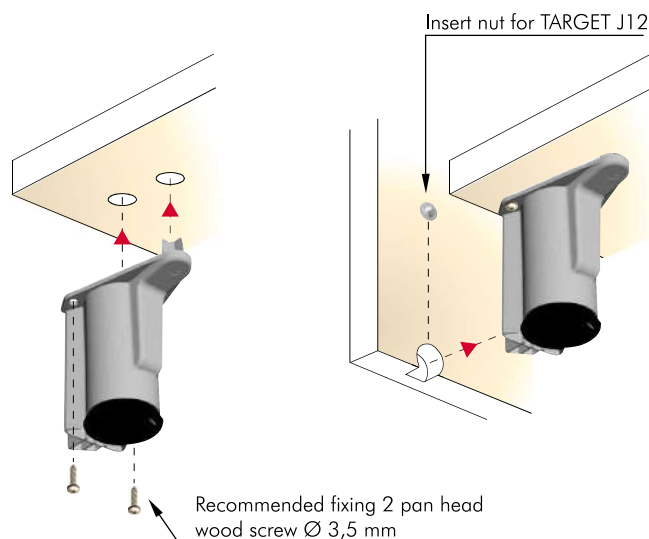
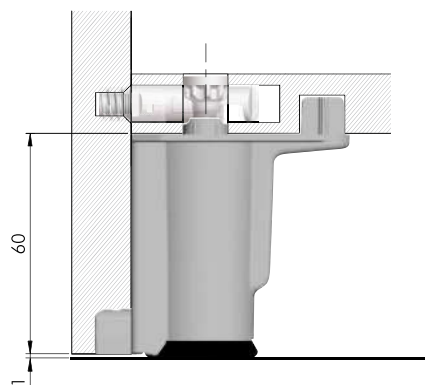
Both LH7.28 and LH7.20 are suitable for wall units with weight-bearing bottoms and offer 5 mm adjustment with leveller safety locking when fully adjusted.  
The engineering plastic glide is independent to prevent the scratching of the floor.  
The loading capacity is 150 Kg each for both versions.

LH60.20 is suitable for heavy duty wardrobes, bookcases, modular furniture, office furniture.  
In particular it is conceived for furniture with 16 mm minimum thickness in the bottom panel and plinths of 60mm high.  
It is possible to adjust the leveller from above, by using a S4mm allen wrench. The adjustment is 0-25 mm.  
The loading capacity is 175 Kilos each.

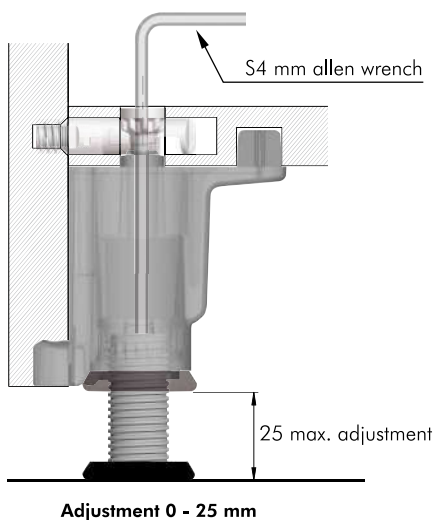
175 Kg per piece



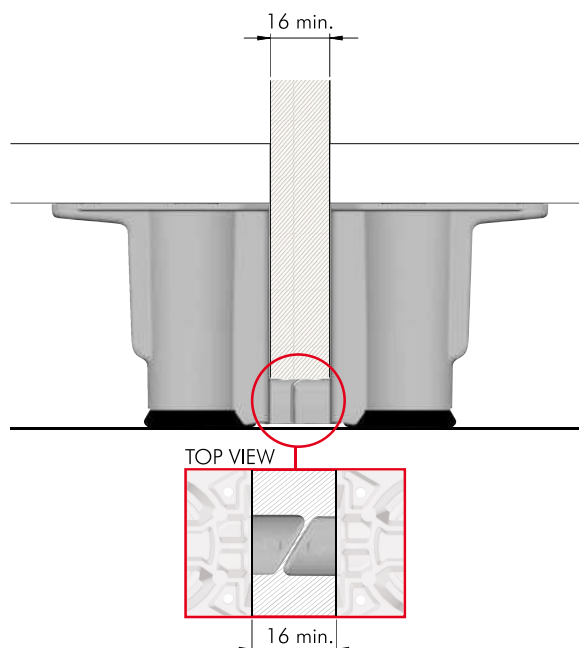
### INSTALLATION

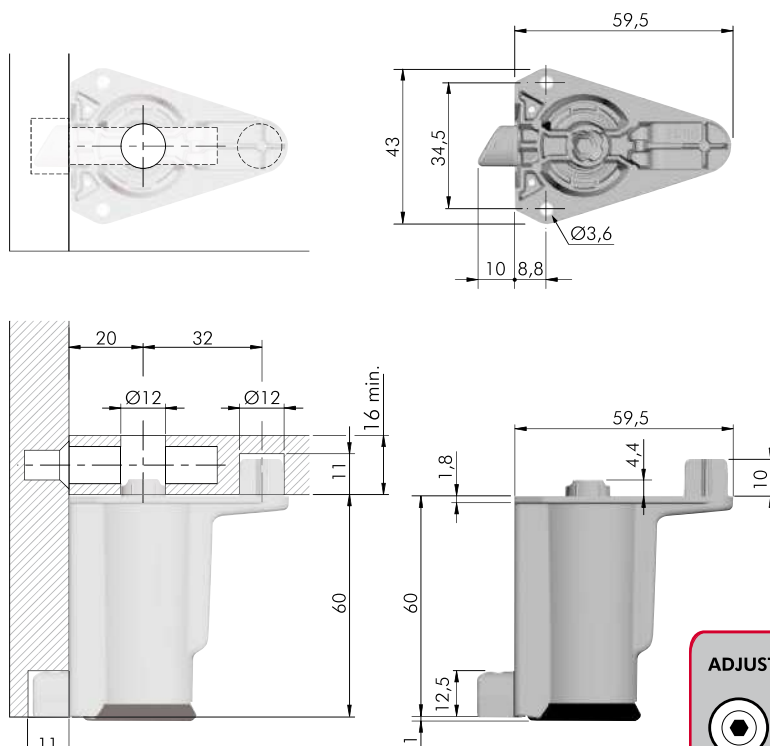


### ADJUSTMENT



### APPLICATION FOR PARTITION 16 mm THICK





## ADJUSTMENT 0 - 25 mm

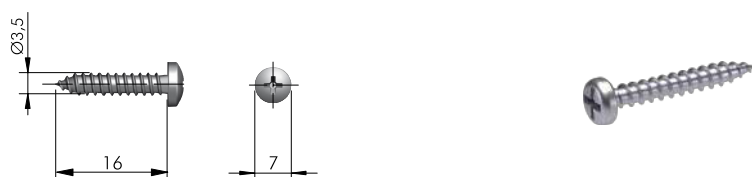
= S4 / S6 mm

= 70 pcs.



P1801761IJ

## LH60.20 LEVELLER ACCESSORY



= Ø 2,5 mm



= PZ2

ST

= 10.000 pcs.



60103140ZN

## TARGET J12 PINION SCREW COVER



EP

= 2500 pcs



21894000AB

21894000IJ

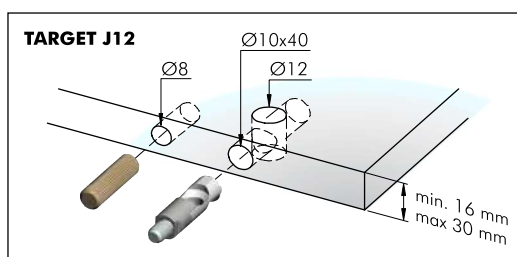
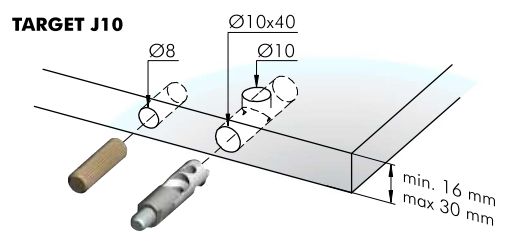
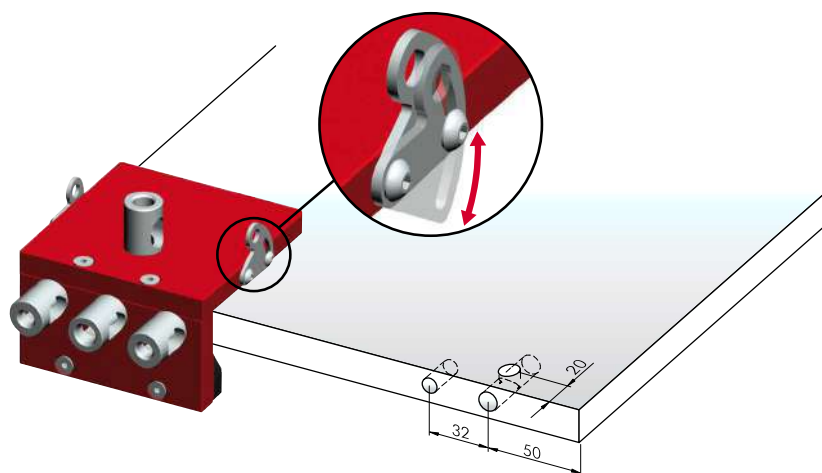
21894000EE

## DRILLING JIG TARGET J10-J12

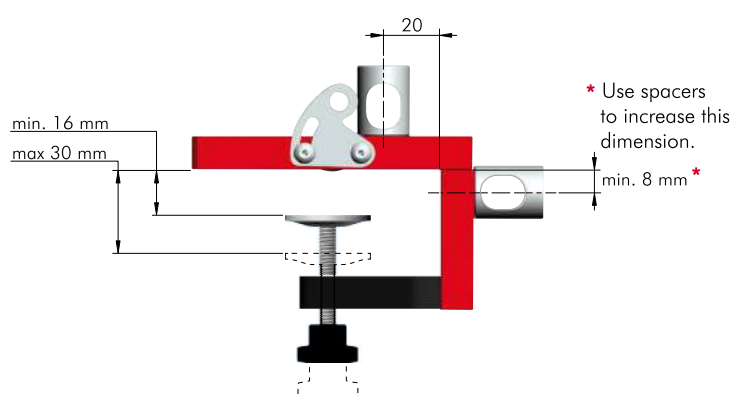
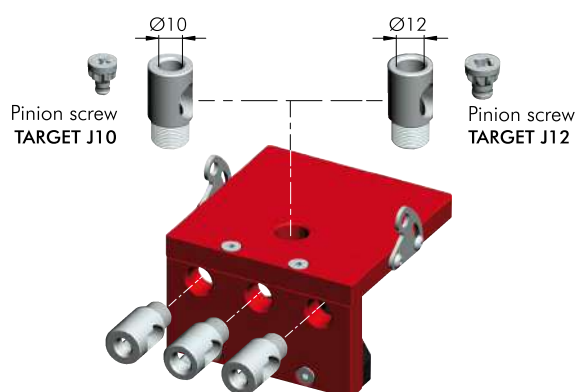


16 - 30 mm

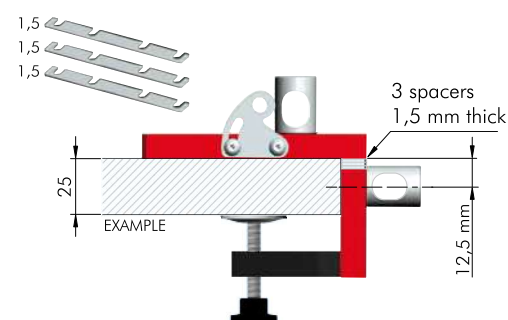
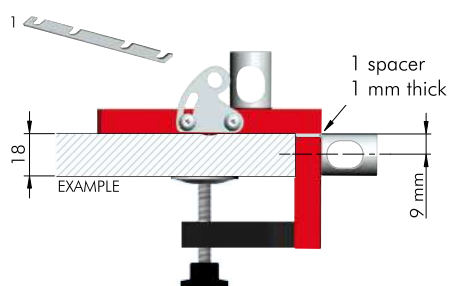
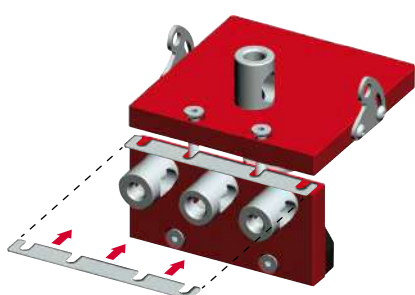
### GENERAL SPECIFICATIONS



### APPLICATION OPTIONS



### DRILLING SPACERS FOR OTHER PANEL THICKNESSES



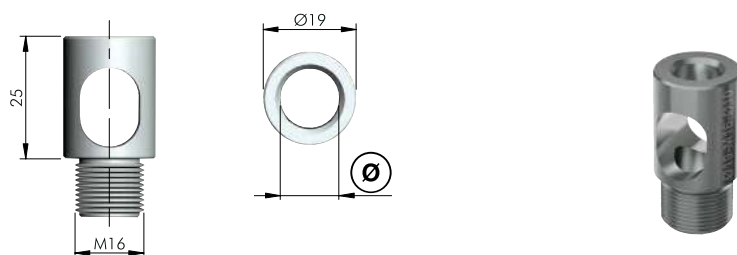
## TARGET J10-J12 DRILLING JIG FOR PANEL THICKNESS 16 AND 18 mm



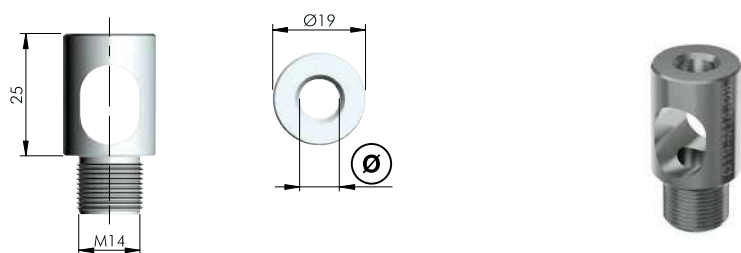
AL	ST	EP	= on request
Y0JG0100RO			

NOTE: The product code includes all the components shown in the picture.

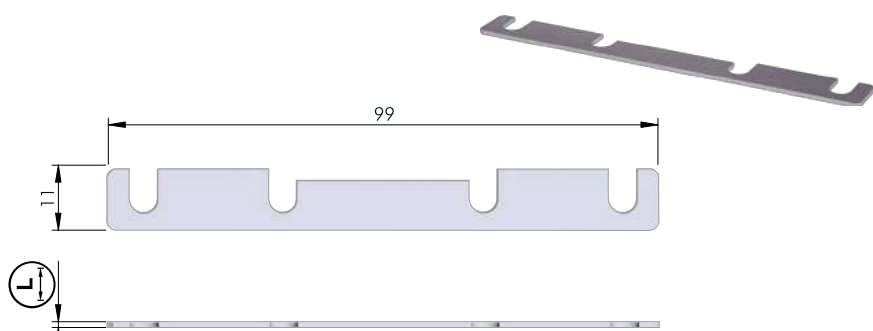
## TARGET J10-J12 DRILLING JIG ACCESSORIES



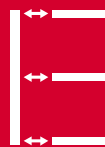
= M16		
ST	= on request	
Y0JG0507ZN	Ø10	
Y0JG0508ZN	Ø12	



= M14		
ST	= on request	
Y0JG0505ZN	Ø8	
Y0JG0506ZN	Ø10	






AL	= on request	
Y0JG0511GR	1	
Y0JG0512GR	1,5	

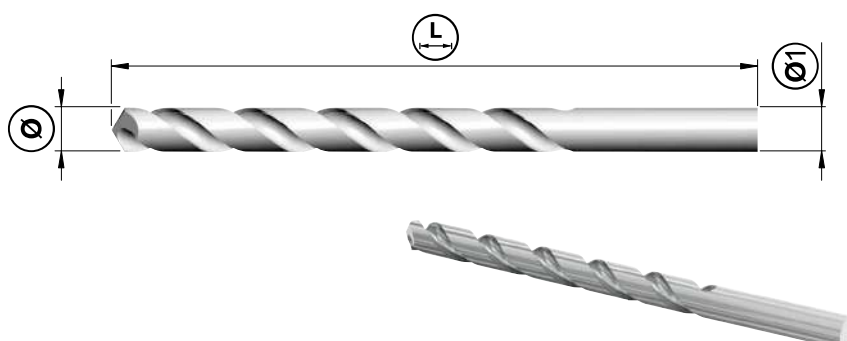






## DRILLING JIG DEPTH STOP COLLARS



ST	= on request		
			
<b>Y0JG051700</b>		Ø8	
<b>Y0JG051800</b>		Ø10	
<b>Y0JG051900</b>		Ø12	

## DRILL BITS



HSS	= on request		
			
<b>Y0JG052800</b>	Ø8	117	Ø8
<b>Y0JG052900</b>	Ø10	133	Ø10
<b>Y0JG053000</b>	Ø12	150	Ø10

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

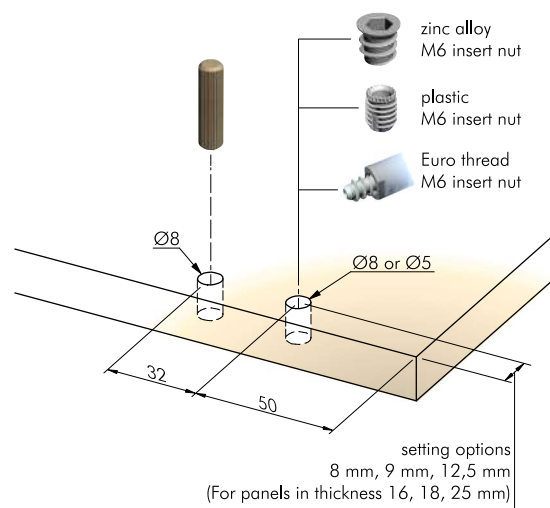
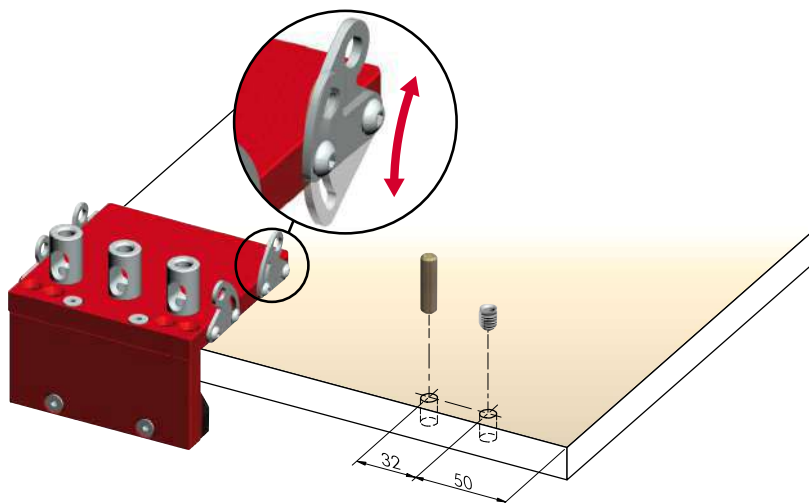
## DRILLING JIG FOR SIDE PANELS



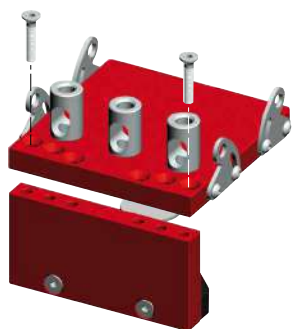
16 - 30 mm



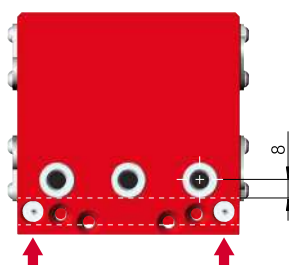
### GENERAL SPECIFICATIONS



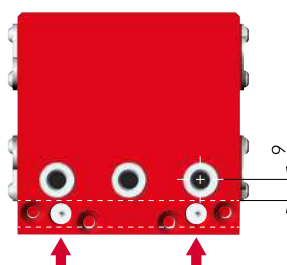
### APPLICATION OPTIONS



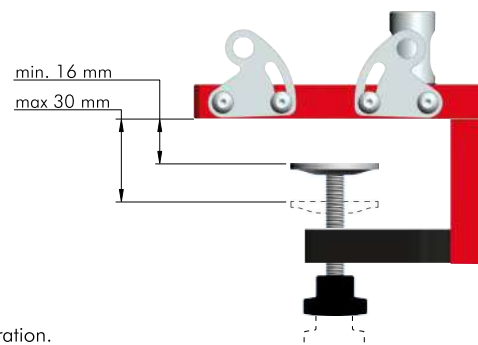
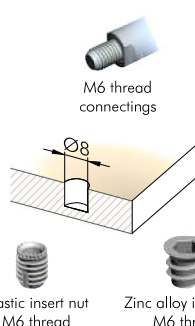
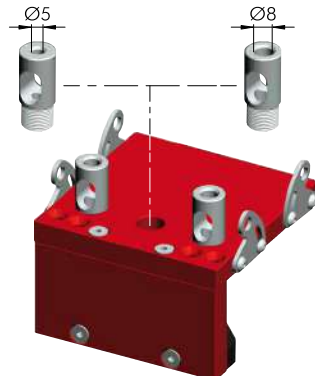
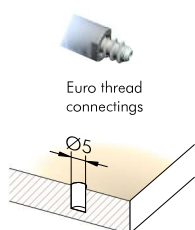
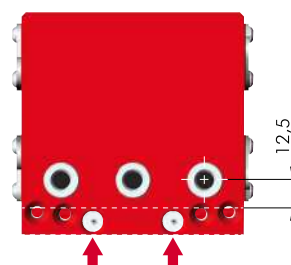
Setting for 8 mm  
(for panel thk. 16 mm)



Setting for 9 mm  
(for panel thk. 18 mm)



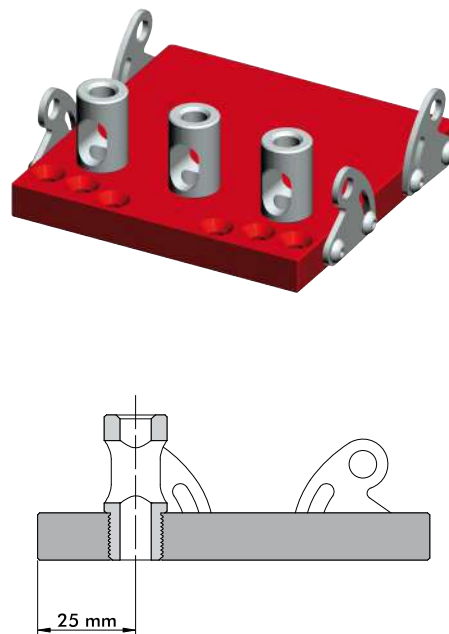
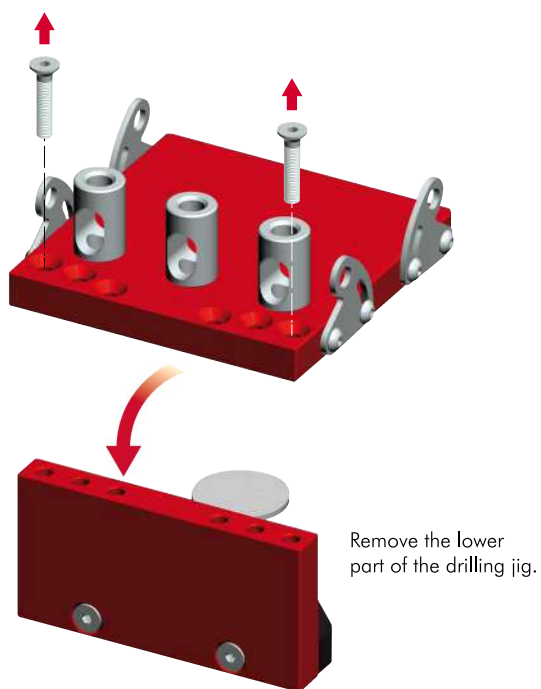
Setting for 12,5 mm  
(for panel thk. 25 mm)



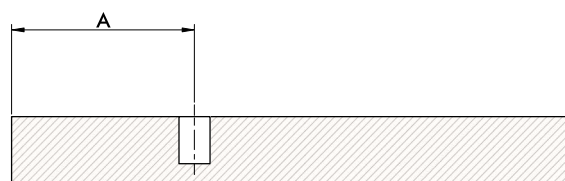
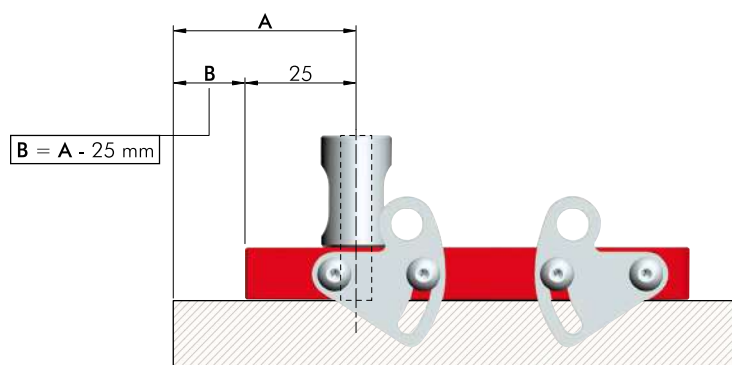
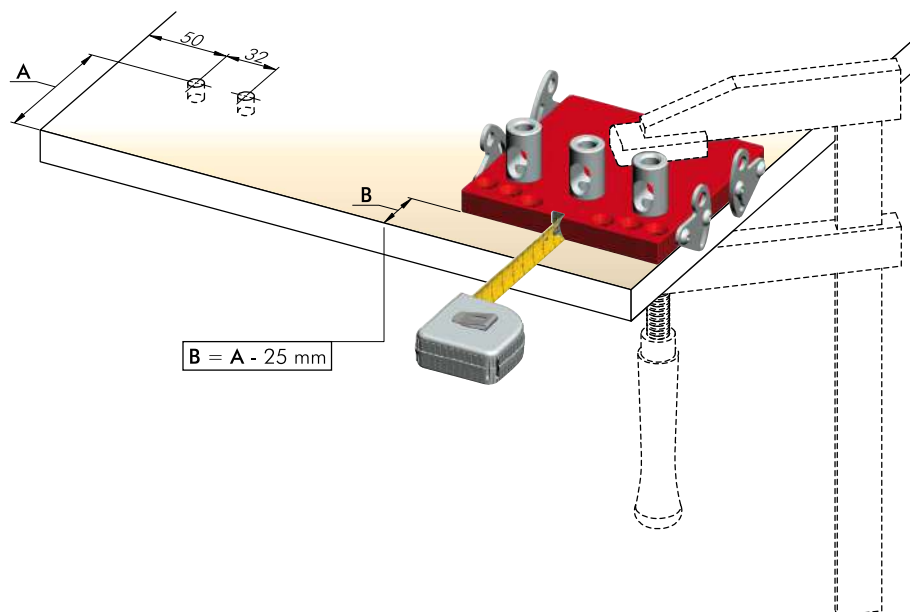
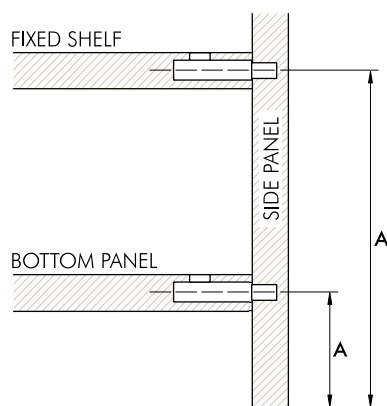
\* It requires further countersunk operation.



SETTING FOR ALTERNATIVE POSITIONS OF BOTTOM PANELS AND FIXED SHELVES



DRILLING JIG POSITIONING





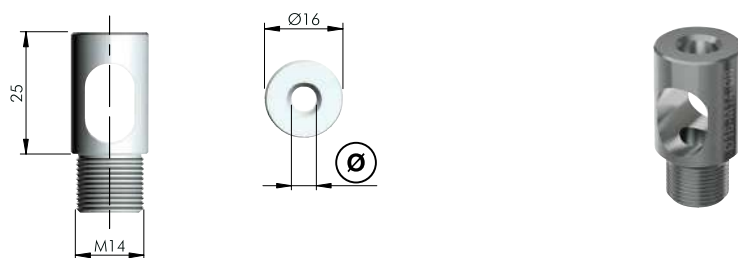
## DRILLING JIG FOR SIDE PANELS








AL	ST	EP	 = on request
			
<b>Y0JG0101RO</b>			

NOTE: The product code includes all the components shown in the picture.





## DRILLING JIG FOR SIDE PANELS ACCESSORIES



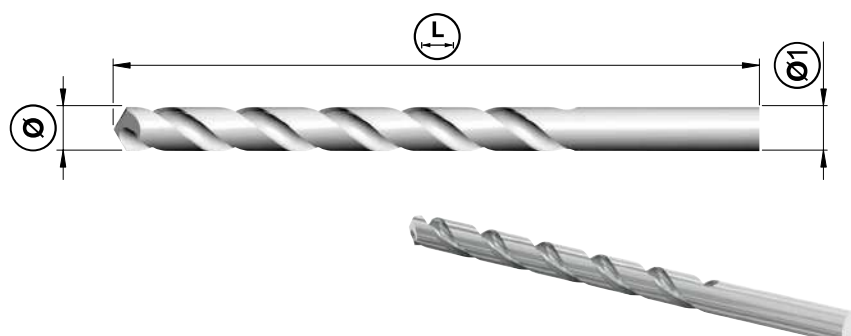
 = M14		 = on request
ST		
		
<b>Y0JG0509ZN</b>	Ø5	
<b>Y0JG0510ZN</b>	Ø8	







## DRILLING JIG DEPTH STOP COLLARS



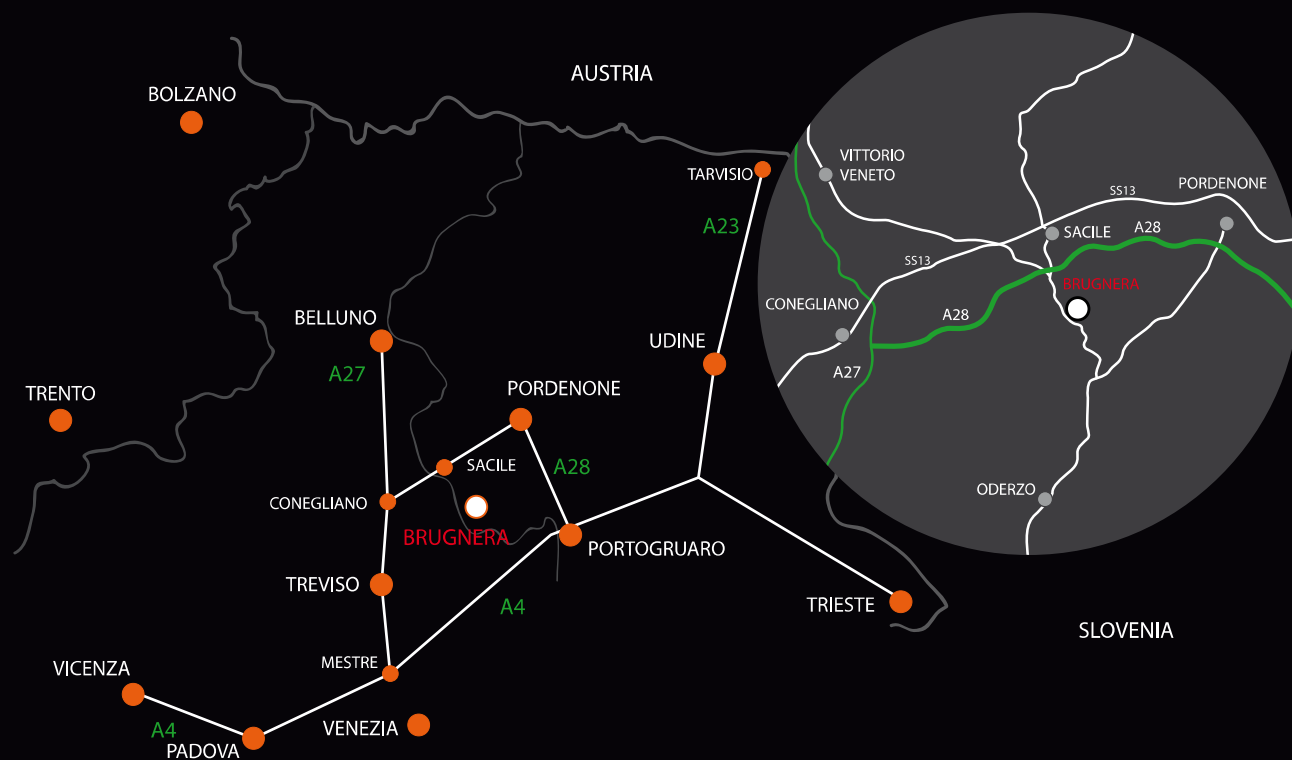
ST		 = on request
		
<b>Y0JG051600</b>	Ø5	
<b>Y0JG051700</b>	Ø8	

## DRILL BITS



HSS	 = on request			
				
Y0JG052700	Ø5	86	Ø5	
Y0JG052800	Ø8	117	Ø8	

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



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