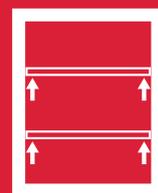


KRISTAL

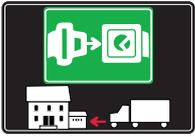


GLASS SHELF
SUPPORTS



SYMBOLS AND FINISHES LEGEND

SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= NEWTON



= PART.NO



= HEXAGONAL SOCKET



= FRICTION



= PCS. PER PACKAGE



= BLADE SLOT



= AUTOMATIC



= COMBI SLOT



= DROP DOWN



= CAPACITY LOADING



= COUNTERSUNK HEAD



= WOOD / GLASS THICKNESS



= PAN HEAD



= STANDARD HINGE



= HOLE DIAMETER



= FLANGE HEAD



= KIMANA HINGE



= DIAMETER



= FLAT HEAD



= FLAP HINGE



= LENGTH



= TRILOBULAR SCREW



= WITH SPRING



= HEIGHT



= SELF-TAPPING SCREW



= WITHOUT SPRING



= RIGHT VERSION



= EURO THREAD



= REVERSED SPRING



= LEFT VERSION



= METRIC THREAD



= PRE-INSERTED SCREW



= FOR ROUND TUBE



= PCS. PER PAD



= PRE-INSERTED SCREW AND SPREADING BUSH



= FOR OVAL TUBE



= CUT ON REQUEST



= WITH BUFFER



= SELF ADHESIVE



= WITH MAGNET



= WITH FLANGE

MATERIALS

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

EP = **ENGINEERING PLASTIC**

+ **EP** = other engineering plastic available on request

SR = **SOFT RUBBER**

+ **SR** = other soft rubber available on request

EPn = Natural Engineering Plastic	EPc = Clear Engineering Plastic	SRn = Natural Soft Rubber
EPw = White Engineering Plastic	EPg = Grey Engineering Plastic	SRw = White Soft Rubber
EPwg = Water Green Engineering Plastic		SRb = Black Soft Rubber

FINISHES

+  = OTHER FINISHES AVAILABLE ON REQUEST

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



KRISTAL

KRISTAL is the new glass shelf support conceived by Italiana Ferramenta Srl, boasting a unique design with its modern and fresh aesthetics.

KRISTAL is a safe shelf support that allows the furniture to be delivered with the shelves pre-mounted. Provided with two layers of soft engineering plastic on both the upper and the lower side, it perfectly locks the shelf, and reduces the risk of damage to the shelf.

Locking and unlocking the shelf is absolutely fast and easy with **KRISTAL**.

KRISTAL is available in 2 versions:

- For Glass Shelves 5-6mm thick
- For Glass Shelves up to 8mm thickness

Four different types of installation available:

- Ø 5mm Pin
- Ø 3mm Pin
- With 3,5x12mm countersunk head wood screw
- With M4x16mm countersunk head screw

Zinc alloy and engineering plastic rubber

In accordance with the regulation UNI EN 14749/05

REGISTERED DESIGN



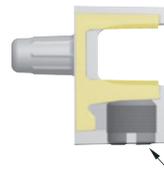
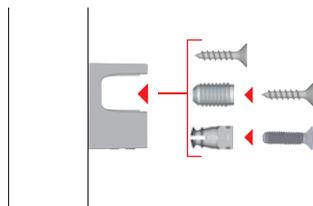
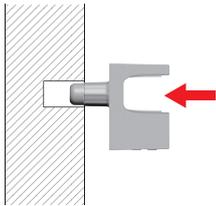
5 - 8 mm

REGISTERED DESIGN
UNI EN 14749/05

INSTALLATION

Assembling with smooth pin

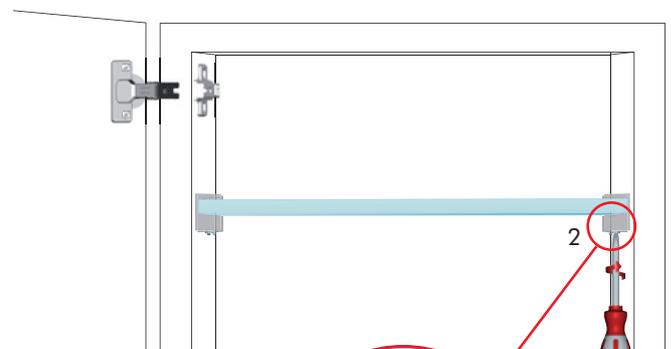
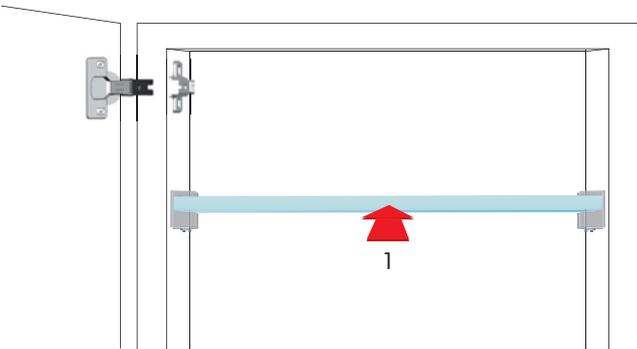
Assembling with alternative fixing options
to achieve horizontal connection



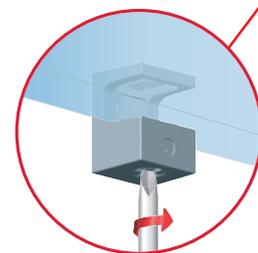
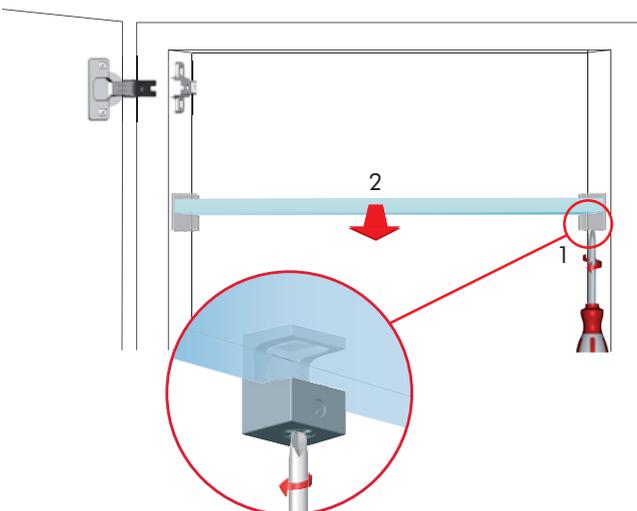
The coloured part is in clear soft rubber

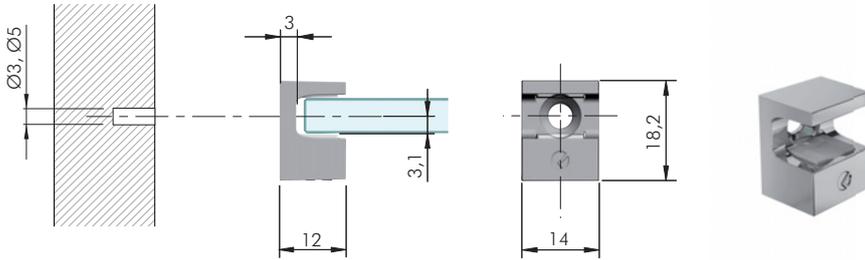
Metric insert in steel
cross PZ2 screwdriver

SHELF INSTALLATION



SHELF REMOVAL FOR NEW REPOSITIONING





= Ø 3, Ø 5 mm +

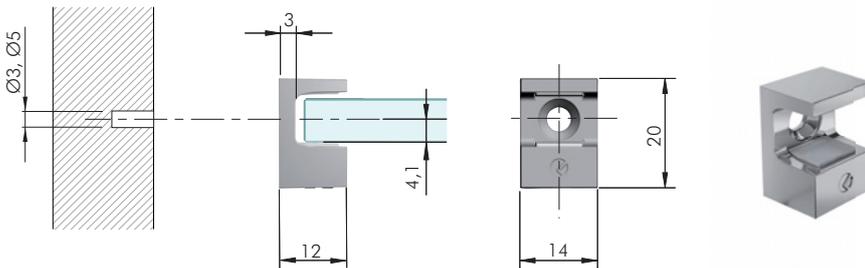
= 5 - 6 mm = PZ2

ZA SRn ST = 1000 pcs.



16113010YA

16113010KB



= Ø 3, Ø 5 mm +

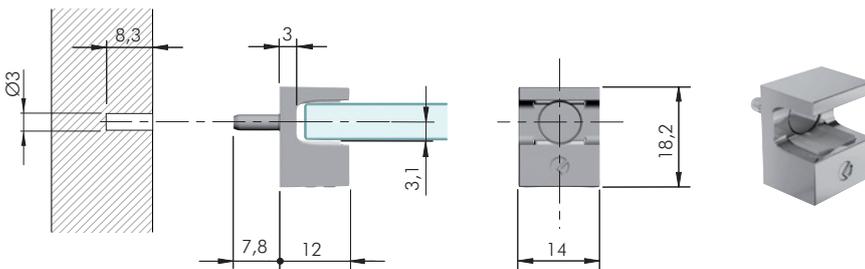
= 8 mm = PZ2

ZA SRn ST = 1000 pcs.



16114010YA

16114010KB



= Ø 3 mm +

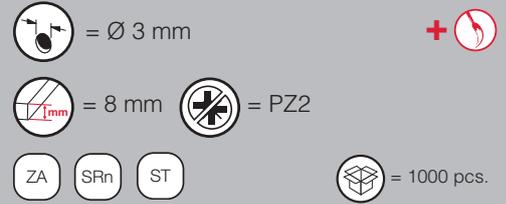
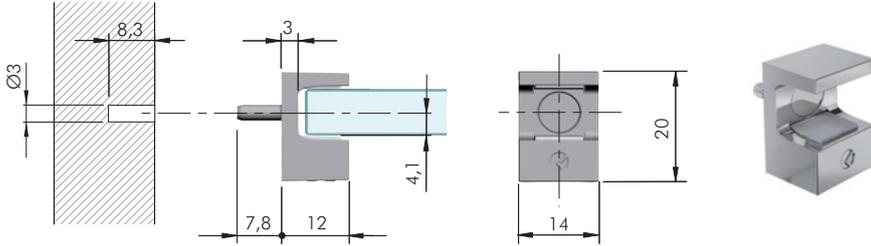
= 5 - 6 mm = PZ2

ZA SRn ST = 1000 pcs.



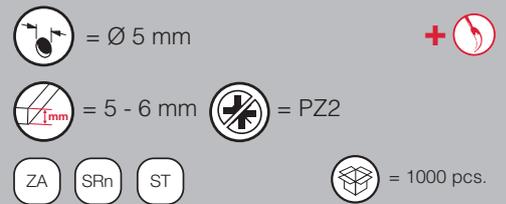
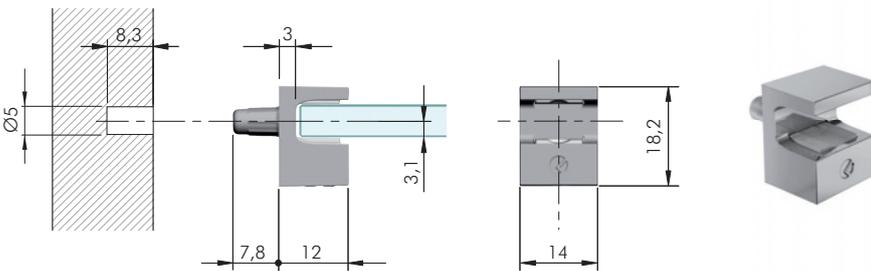
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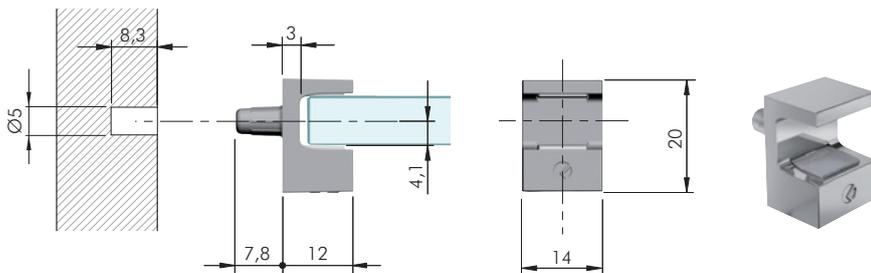
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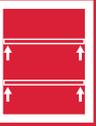
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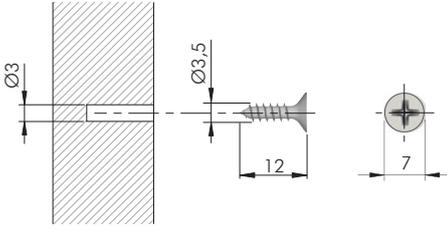


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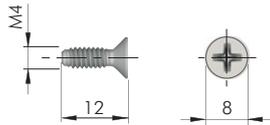


KRISTAL FIXING ACCESSORIES



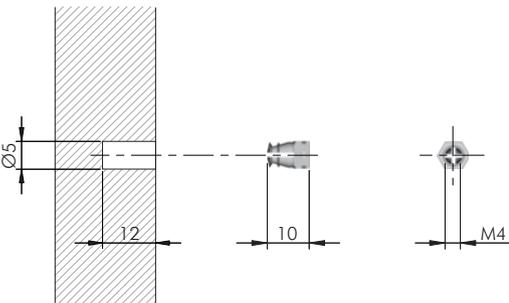
= Ø 3 mm
 = PZ2
 = 10.000 pcs.

60101380Zn



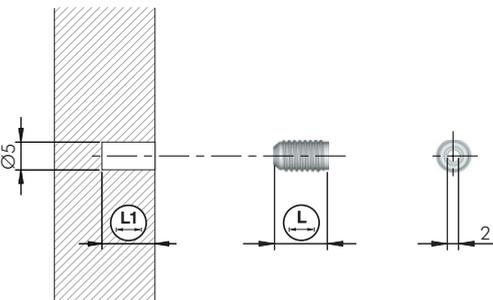
= M4 = PZ2
 = 2000 pcs.

60305040Zn



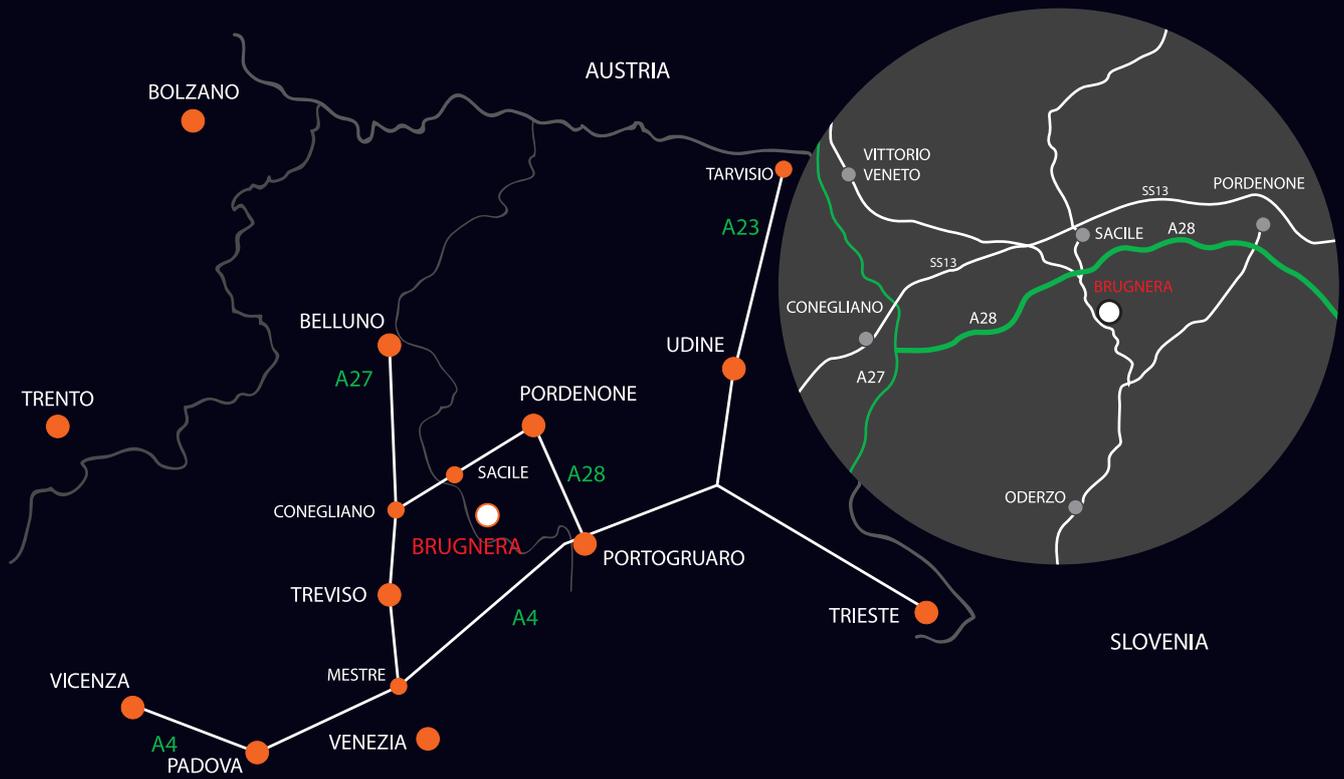
= Ø 5 mm = M4
 = 20.000 pcs.

20502021HL



= Ø 5 mm
 = 5000 pcs.

20302020AA 9,5 11,5



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