

- **KGS BORGES KIRJAHYLLY**



**KGS CONCEPT**  
Päiväkoti ja koulukalusteet

Single or double shelving formed by board sides  
chipboard covered with 23 mm thick natural beech leaf  
or in 25 mm thick bilaminate with the possibility of different  
finishes.

1 mm thick metal shelves, adjustable in height  
every 32 mm from floor to ceiling.

It can be manufactured with a metal frame or back in the same  
board than the sides.

Optionally it can include wooden doors (matching the sides) or glass.

It can be customized with different finishes and include everything  
type of plugins needed for library, profiles  
markers on shelves, side signaling banners,  
magazine shelves for display or with storage, rods for  
newspapers, containers for audiovisual media or comics  
fixed or removable, stepped shelves (two heights) for media  
audiovisuals and a long etc...

In all cases, it includes nylon leveling feet with the  
Possibility of chrome trim.



**Sides:** made of E1 particle board (chipboard) of different thicknesses 23 or 25 mm depending on whether it is covered in beech leaf, bi-laminated or high-pressure laminate.

The sides include a double zipper with holes every 32mm to allow adjustment in height of the shelves, also includes leveling feet embedded with metal inserts on the board, which allow unevenness of up to 20mm to be overcome, the contact area with the ground is non-slip and can wear chrome metal trim.

The sides have different finish options:

***Bilaminated:*** Three-layer board covered with overline with edges 2mm thick PVC. Thickness 25 mm. Straight edge.

***Veneered in natural beech:*** Covered with top quality beech leaf quality on both sides, solid edges 5 mm thick on the front and 1.5 mm on the rest of the edges, the front can be straight or molded in round. Finished with 2 coats of clear lacquer matte, there is the possibility of staining imitating other woods.

***High pressure laminate:*** Board covered on both sides with 0.80mm high pressure laminate sheets, PVC edges 2 mm thick. Straight edge.

The assembly of the structure is carried out using metal hardware including metric mortise nuts, which allows disassembly as many times as necessary.

#### **Bracing system:**

1) Using a tubular frame made of 30x20x1.5mm tube, joined by continuous-thread oxyacetylene welding, machined for connection to the sides using metric 6 studs, with chrome allen screw heads.

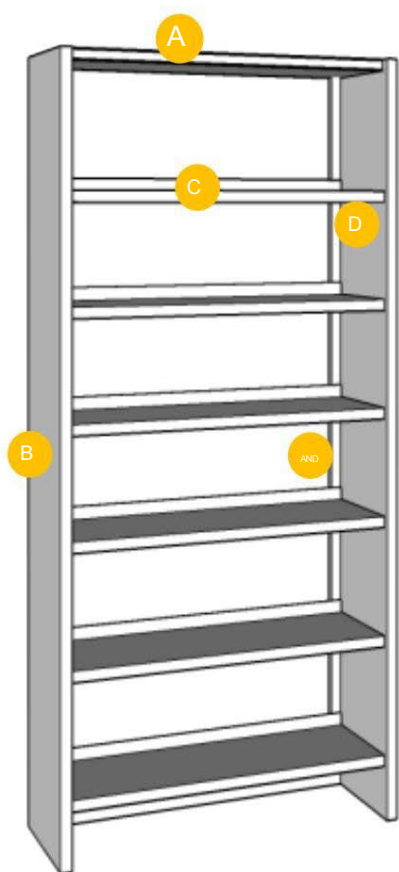
2) By means of a back made of board matching the sides, 19 mm thick that is joined to the sides by means of metal eccentrics.

**Shelves:** made of white sheet metal type DC-01, 1mm thick. thickness and 3 longitudinal folds per side, rear retainer to prevent books from falling, bookends can be adapted to the retainer, at the bottom or on its surface, the front of the shelf can be 3.2cm or 2.5cm and is prepared for inclusion of welded metal or removable card holder in polycarbonate. The shelf integration system is through black blued metal supports.

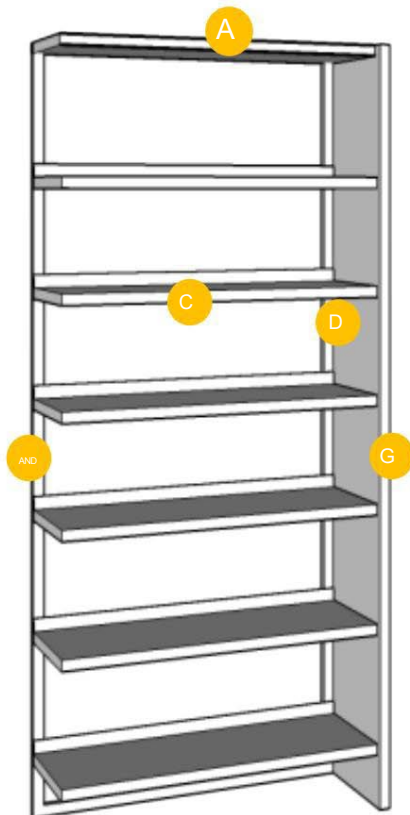
**Cover:** White plate type DC-01 of e=1mm and pleats longitudinal, with the possibility of inserting bookends chrome rod on its underside. Possibility of including profile 50mm high marker for upper signage of the modules. Anchoring to the sides with metric nuts.

Simple Modules

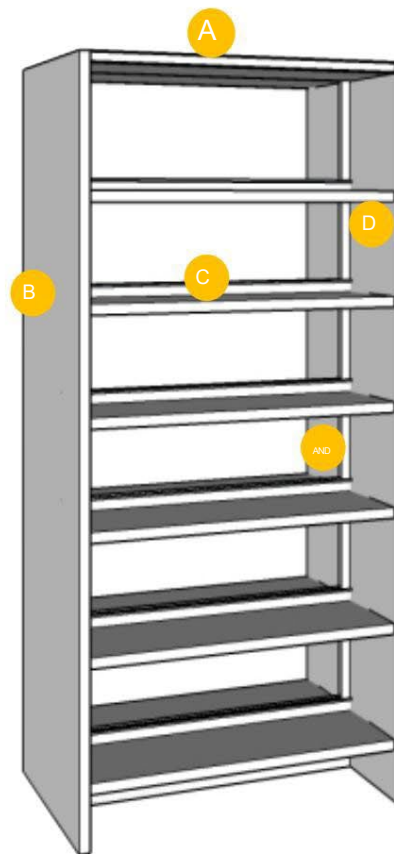
Double Modules



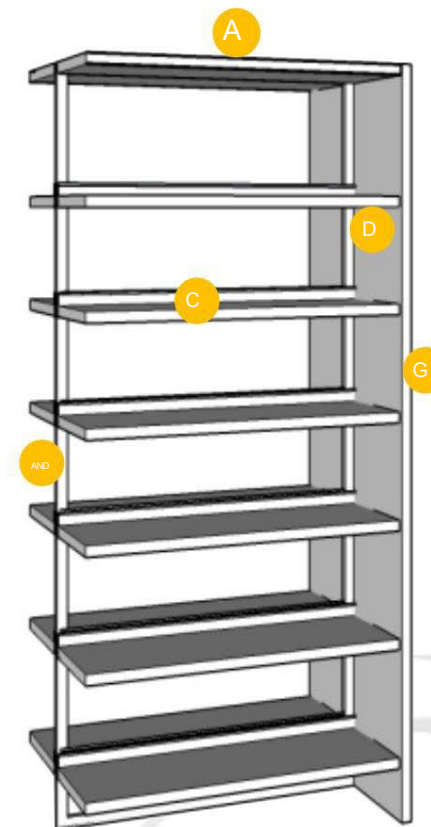
Initial module



Modulo extension



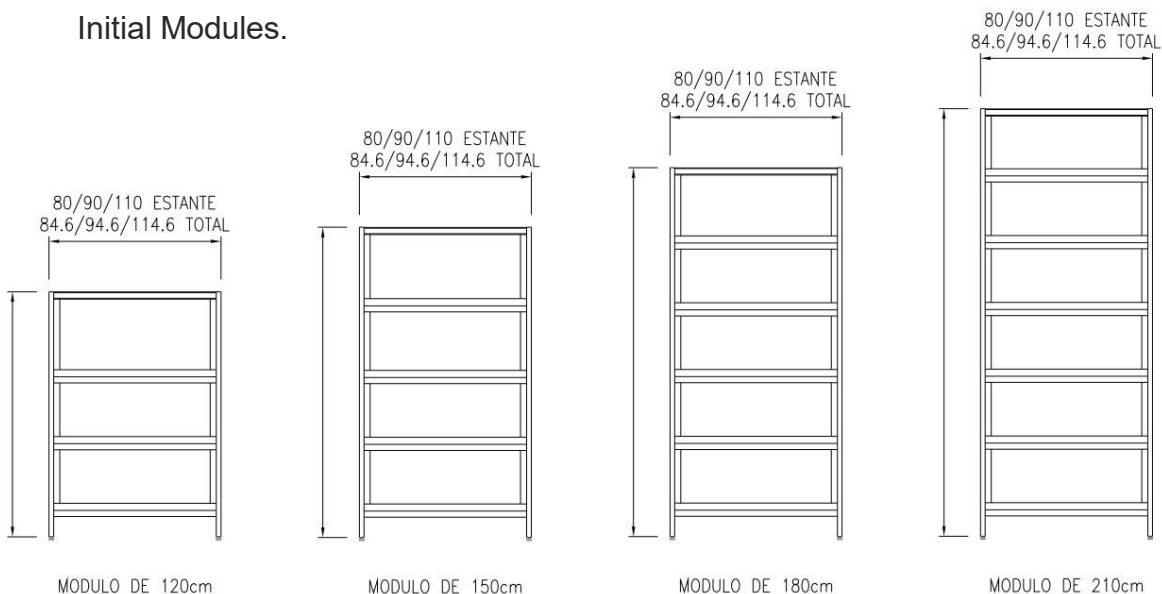
Initial module



Modulo extension

<b>A</b> WAY	<b>C</b> SHELVES	<b>AND</b> FRAME	<b>G</b> CENTRAL SIDE
<b>B</b> INITIAL COST	<b>D</b> SHELF SUPPORT		

**Initial Modules.**



The depth of the shelf is 27 or 36 cm, the relationship between number of shelves and height will be as follows:

Height 210 cm, 6 shelves + lid in single modules and 6+6 shelves + lid in double modules.

Height 180 cm, 5 shelves + lid in single modules and 5+5 shelves + lid in double modules.

Height 150 cm, 4 shelves + lid in single modules and 4+4 shelves + lid in double modules.

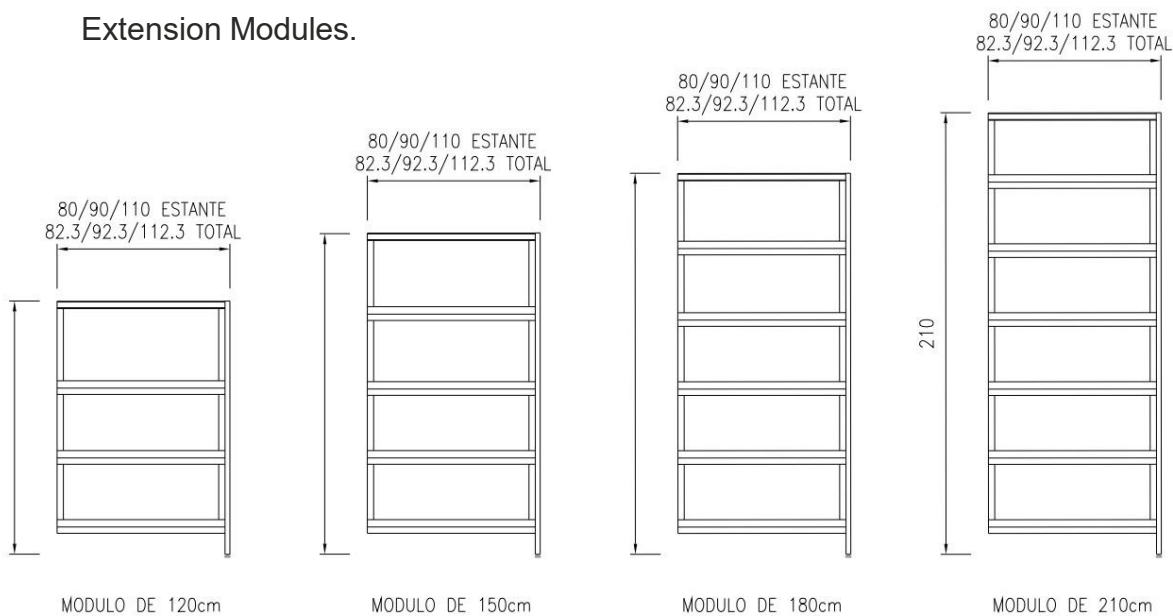
Height 120 cm, 3 shelves + lid in single modules and 3+3 shelves + lid in double modules.

Additional shelves may be included at the client's discretion.

**Modules with bilaminar sides add 2 mm per side.**

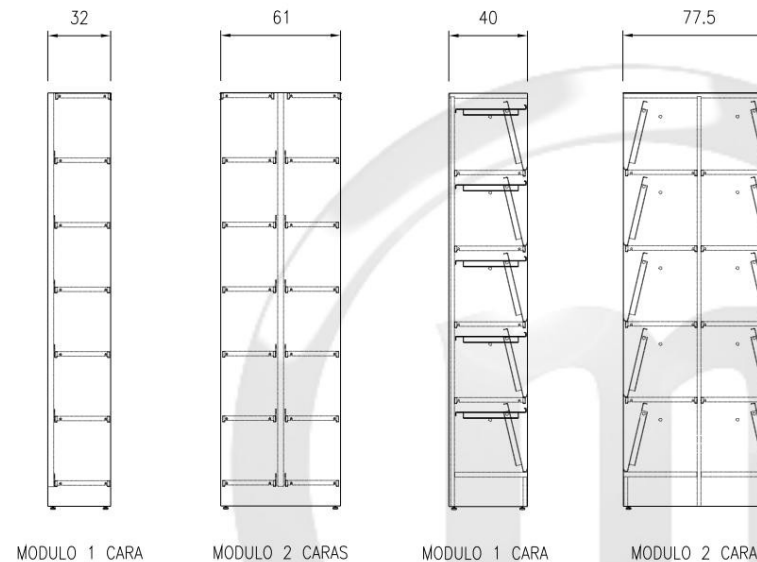
**All heights increase 1.5 cm due to the leveler.**

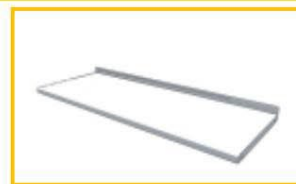
**Extension Modules.**



Background Sides.  
27 cm shelf.

Background Sides.  
36 cm shelf.

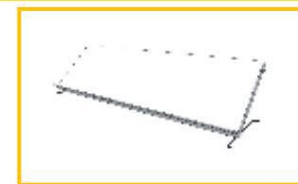




**1 -STRAIGHT SHELF**

Made of sheet e=1 mm, with rear retainer welded and prepared to put bookends on the retainer and on the bottom.

Measurements: 80/90/110 Bottom 27 or 36 cm.



**2 -TILT SYSTEM**

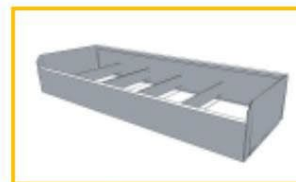
System designed to be able Turn and tilt the shelf straight.



**3 - SIGNALING SUPERIOR**

Made of sheet e=1.5mm, intended to be placed on top of the shelf cover, 12cm high folded methacrylate. Does not include labeling.

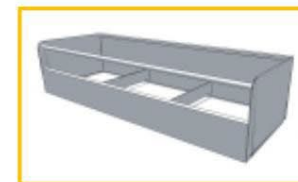
Measurements: 85x25cm high



**4 -CONTAINER MULTIMEDIA**

Made of sheet e=1mm, it can be fixed or removable with ball bearing slides, it includes mobile separation partitions and a floor with non-slip grooved rubber.

Measurements: Wide 80/90/110 cm, height 14 cm, depth 27 or 36 cm



**5 -COMICS CONTAINER**

Made of sheet e=1mm, it can be fixed or removable with ball bearing slides, it includes mobile separation partitions and a floor with non-slip grooved rubber.

Measurements: Wide 80/90/110 cm, height 19 cm, depth 27 or 36 cm



**6 -EXPOSITOR LATERAL**

Made of sheet e=1.5mm, to be placed on the side, it can be removed, placed and fixed at any height.



**7 -BANDEROLA LATERAL**

Signaling system for double modules, possibility of signaling on both sides.

manufactured in sheet e=1mm. Measurements: Length 15 cm, Height 7.5 cm.



**8 - REVIEW DRAWER FOLDING**

Made of sheet e=1 mm, folding shelf with hands-free system, rubber stops for silent closing, includes interior partitions. With interior warehouse

Measurements: Length, 80/90/110 cm, height 39 cm, depth 36 cm.



**9 - "L" BOOKENDS**

Made of e=1.5mm sheet metal, its "L" shape allows it to be placed on any type of shelf.

Measurements: Height 17.5 cm, length 15 cm, width 12 cm.



**10 -BOOKENDS METAL RETAINER**

Made of sheet metal e=2 mm, with attachment system to the shelf retainer, it can be removed and replaced at any time, finished to match the shelf.



**11 -SHELF COLLECTION**

Made of sheet metal e=1 mm, inclined at 45°, depth 33cm, includes mobile partitions, support tab 14cm deep. Measurements 80/90/110 cm



**12 -WHEELS**

Consisting of a plate frame of e=10mm, with nylon wheels, 2 of them with brakes. For 80/90/110 cm modules on two sides. Height 14 cm, wheel diameter 10 cm.



**13 - ROD BOOKENDS VERTICAL**

Made of calibrated 8 mm chrome rod with white plastic finishes, it is housed at the bottom of the shelf on tight rails, 2 positions for different book formats.



**14 -MAGAZINE RACK EXPOSITOR**

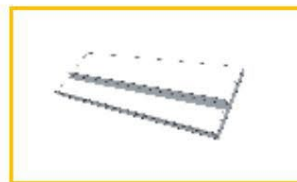
Made of sheet metal e=1mm, 45° inclination for displaying long books, 3.5cm support tab. Measurements 80/90/110 cm Support length of 33cm.



**15 -STEPPED SHELF MULTIMEDIA**

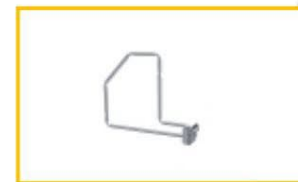
Made of sheet e=1mm, 2 levels in height to achieve better use of the space valid for CDs, DVDs, includes mobile partitions. There is the possibility of putting a front retainer and grooved rubber on the bottom for frontal placement of the cover.

Measurements: Length 80/90/110 cm, height 37 cm, depth 27 cm.



**16 - BEING PRESENTATION**

Variant of the magazine display rack with a central piece with several positions to divide the shelf longitudinally. Measures 80/90/110 cm.



**17 - ROD BOOKENDS HORIZONTAL**

Made of 8 mm chrome-plated calibrated rod with white plastic finishes, it slides over the rear retainer and has an anti-vandal system (it cannot be removed without removing the shelf).



19 -SOLDIER CARD HOLDER

Made of sheet metal e=1mm. With longitudinal folds occupying the entire front of the shelf, it can accommodate signs, and can optionally include protective plastic. Does not include lettering Measurements: 80/90/110



20 - PLASTIC CARD HOLDER

Made of transparent polyethylene with folds that allow you to easily put it on and remove it from the shelf, prepared to house a sign inside. Does not include lettering, length 25mm.



21 - EXTRAIBLE SHELF

Made of sheet metal e=1mm, includes bearing slides, can be placed under a fixed shelf allowing you to take notes.

Measures 80/90/110 cm, of deep 27/36cm.



22 -MAGAZINE RACK BOX FOLDABLE.

Made of sheet metal e=1mm, folding shelf with hands-free system, rubber stops for silent closing, includes interior storage.

Measurements: Length 90 cm, height 39 cm, depth 36 cm. Consult other measurements or compositions.



23 -NEWSPAPER EXHIBITOR.

Sides made of sheet metal e=1.5mm. With longitudinal rods for newspaper couplings.

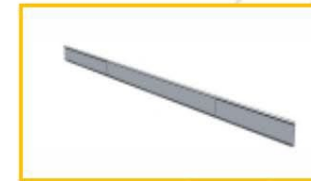
Measurements Length 90cm, depth 27cm.



24 - SIGNAGE 5CM COVER MAGNETIZED

Formed a magnetic strip. It must be previously labeled. It is necessary to order it at the same time as the shelf to adapt the cover.

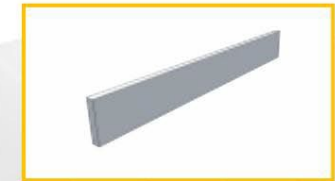
Measurements 80/90/110. Other measures consult.



25 -SIGNING 5 cm COVER SOLDIER.

Made of sheet metal e=1mm, with longitudinal folds occupying the entire front of the cover, it allows for signs to be accommodated. May include protective plastic, does not include labeling.

Measurements: 80/90/110,



26 -METALLIC POCKET.

Manufactured in sheet metal e=1mm, 15 or 25cm high. Measurements: 80/90/110



**Optional wooden doors:** In 19 mm E1 particle board (chipboard). thick veneered on both sides with top quality BEECH leaf, or bilaminated board, provided with hinges.

With cylinder lock / chrome latch (optional).

**Optional glass doors:** Solid beech beam and 5 mm tempered glass glass. polished edges. It can be transparent or acid-treated.

With cylinder lock / chrome latch (optional).

OTHER TYPES OF DOORS CONSULT.



The finishing process of the metal parts is by Epoxy/polyester paint polymerized in a tunnel at 200°C. After degreasing and anticorrosive phosphate treatment. The Finishes can be smooth matte.

According to tests, it meets the following quality standards regarding adhesion, scratching, persoz hardness and stain resistance: UNE EN ISO 2409:07, UNE 48569:95, UNE EN ISO 1522:07, UNE EN ISO 2808:07, UNE 482017:80 Y UNE 89401:2008 respectively.



Negro  
RAL 9005



Dark blue  
RAL 5010



Granate  
RAL 3003



Green  
RAL 6018



Dark gray  
RAL 7031



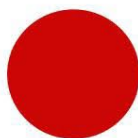
Gray blue  
RAL 5014



Purple  
RAL 4008



Grey silver  
RAL 9006



Red  
RAL 3020



Light grey  
RAL 7035



Yellow  
RAL 1007



Beige  
RAL 1013



White  
RAL 9016



White  
RAL 9003

\* OTHER RAL CHART COLORS CONSULT

The colors shown below are for finishes on sides and back.

Please confirm the delivery time in advance.



NATURAL BEECH



M3020



M5015



M6018



M9022



M2008



M3017



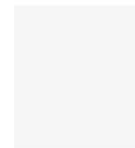
M7016



M9001



M9002



M9016

\* OTHER COLORS CONSULT



The colors shown below are for  
Finishes on sides, top and floor. 2mm PVC edges  
of thickness.

Please confirm the delivery time in advance.



Pearl Gray



White



Beech Colombia



Negro Soft III

\* OTHER COLORS CONSULT



Cleaning and maintenance instructions:

For regular cleaning, it is recommended to use a soft cloth and clean cotton or microfiber, moistened with warm water to which you can add a little neutral soap, in this case immediately rinse with a cloth damp only in water, then dry with a lint-free cloth.

Clean without scrubbing, with circular movements and without pressure.

Always avoid: Coarse or dirty cloths and cleaning products. abrasive cleaning agents that can indelibly scratch the surface

To clean varnished natural veneer furniture,  
Apply the same previous recommendations.

Try not to use commercial cleaning products. Clean always in the direction of the grain and without scrubbing, this way will protect all the beauty of natural wood with its particular textures and veins.

Always avoid: Natural veneer surfaces, products abrasives, products containing silicone, solvents, nail polish remover and other aggressive products.

The BORGES shelving unit has passed the tests carried out by the AIDIMA institute for the following standards:

UNE EN 14073-2:2005 UNE EN 1403-3:2005

Office and archive furniture. Security requirements.  
Test methods for structural stability and resistance.

UNE 11016:1989 Y UNE 11023-2:1992

Cabinets and similar furniture for domestic and public use.  
Specifications and functional characteristics. Part 2  
structural strength and stability.

It also has a certificate from AENOR for the UNE-EN ISO 14006  
ECODESIGN standard.

The company METALUNDIA has certifications by  
AENOR of the ISO-9001 standard, the ISO 14001.

Our environmental policy is based on applying processes of latest generation to achieve greater efficiency energy and maximum use of raw materials avoiding the generation of waste as much as possible.

The automated powder painting process allows us offer great homogeneity in the products in addition to allow us to recover and reuse up to 98% of the paint, In addition, there are no water spills since it is completely reused.



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