

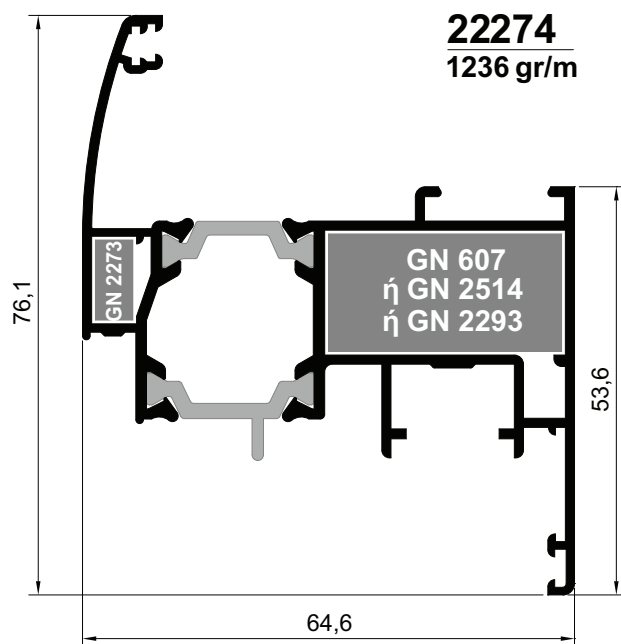
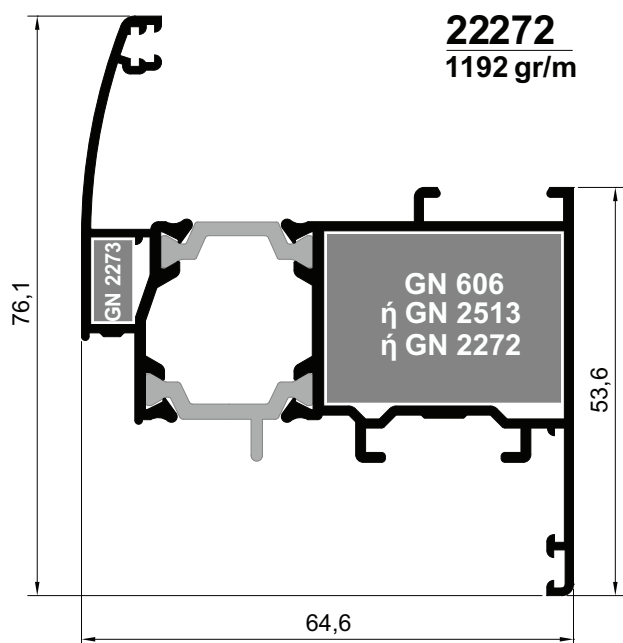
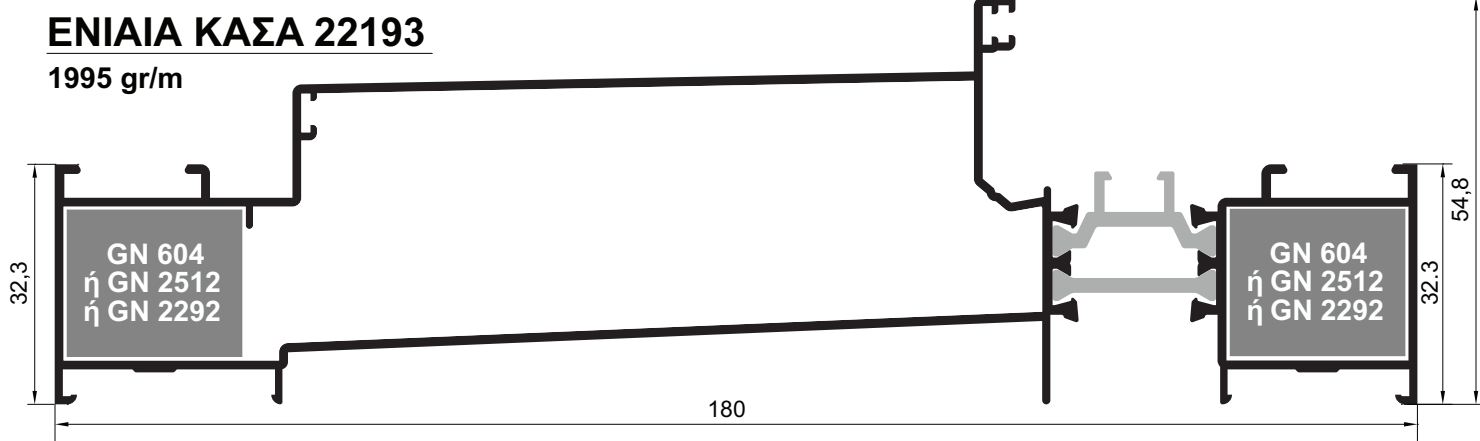
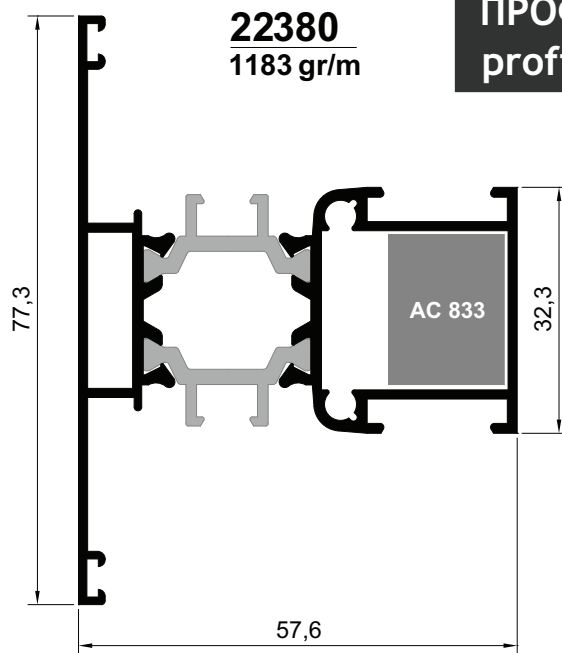
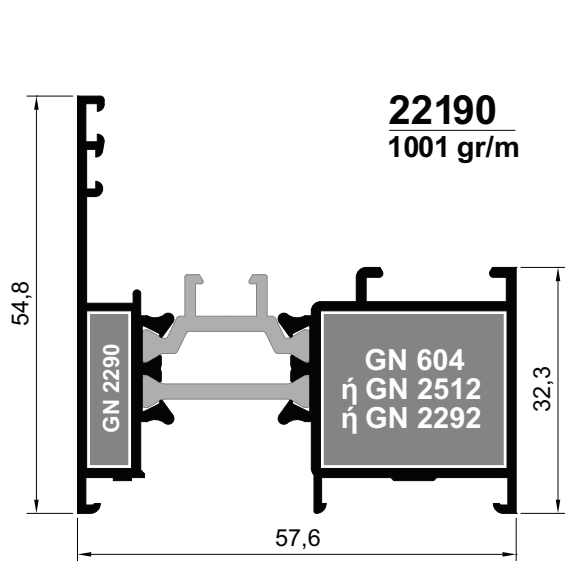


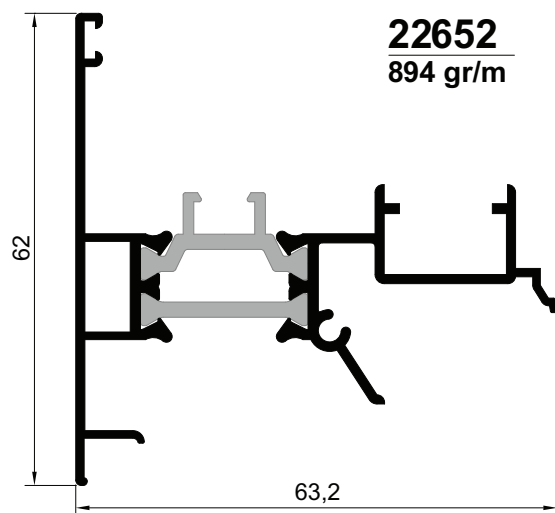
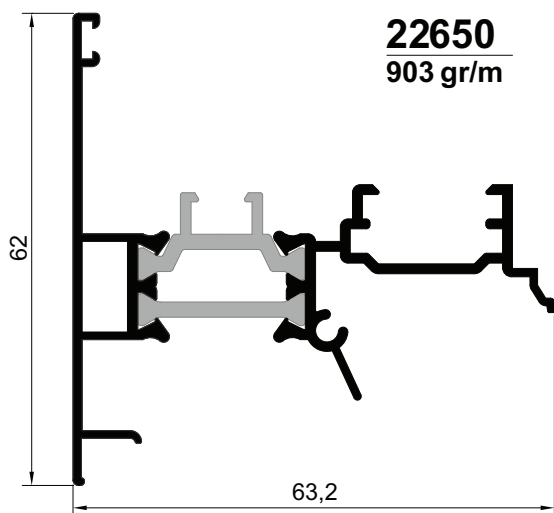
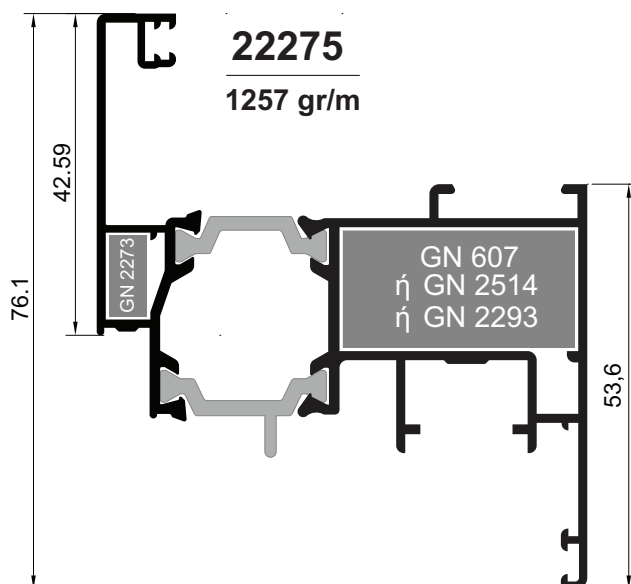
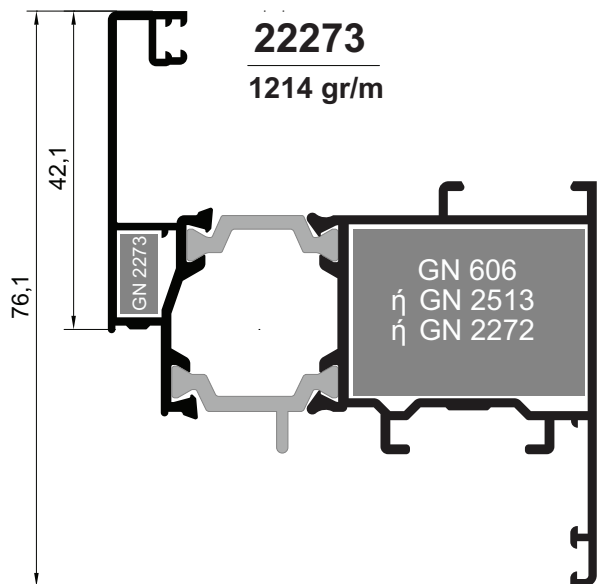
METALOUMIN

ΣΥΣΤΗΜΑΤΑ ΑΛΟΥΜΙΝΙΟΥ ΑΠΟ ΤΟ 1969

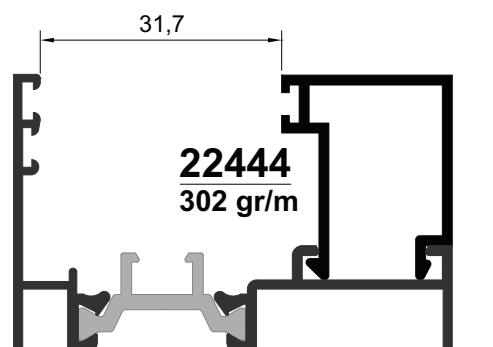
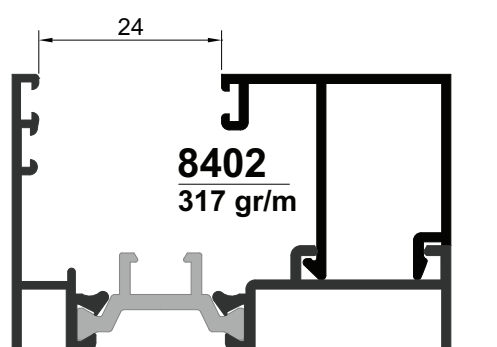
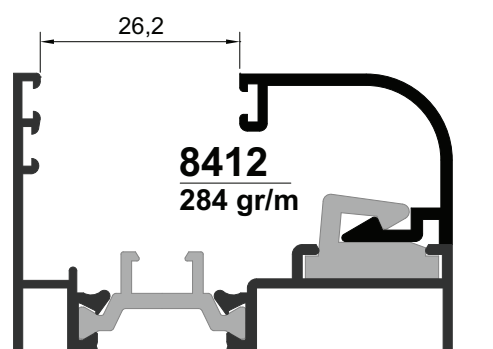
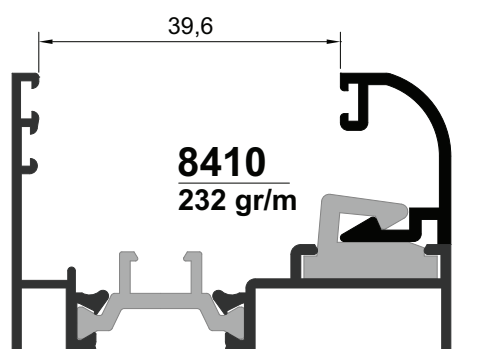
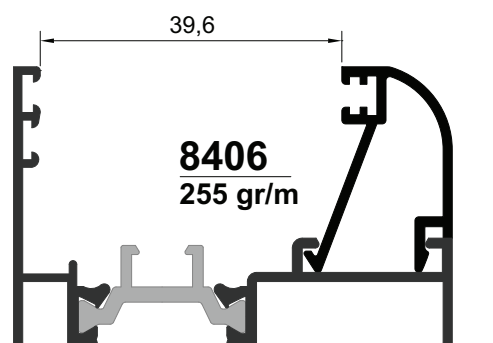
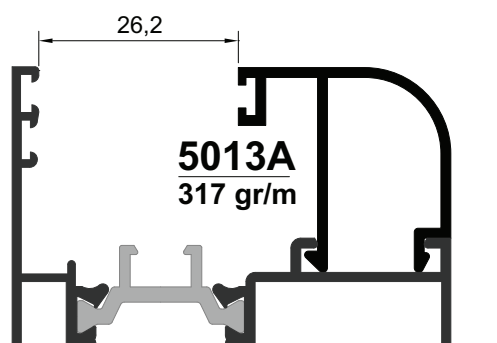
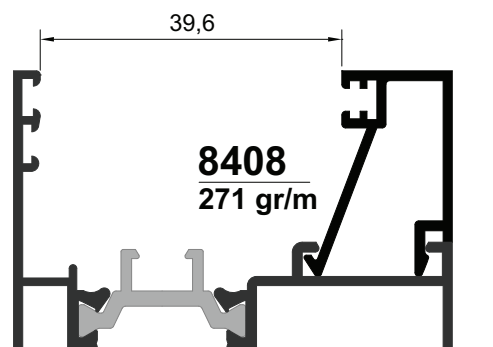
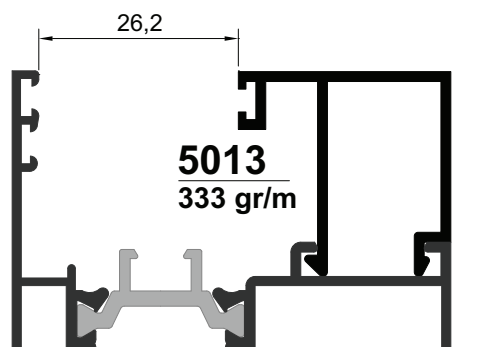
ENERGY 22S

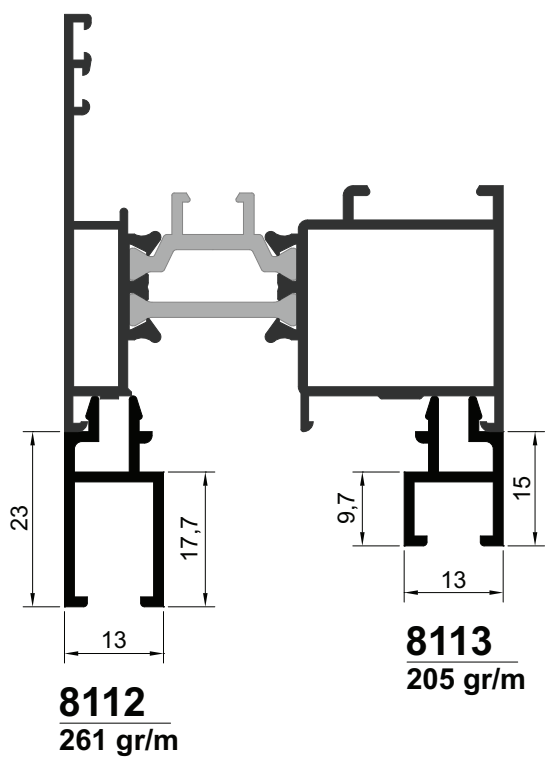
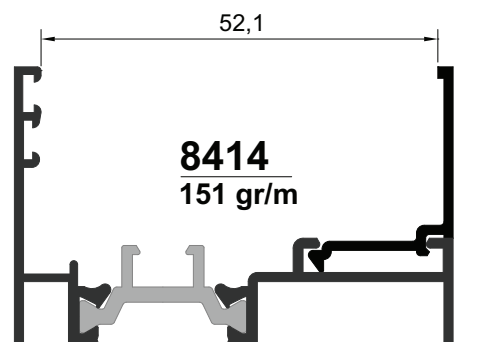
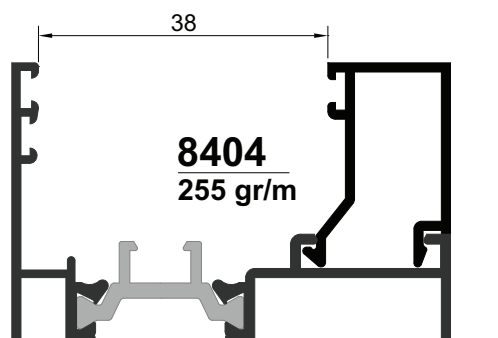
Thermal break
Ανοιγόμενο - Hinged



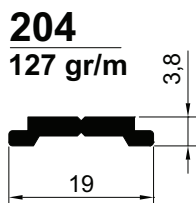
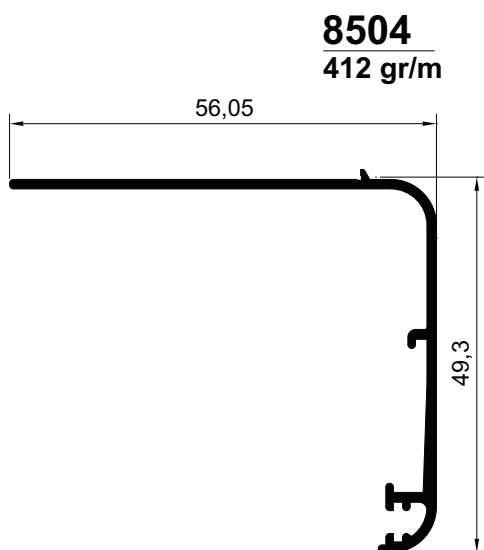


ΠΡΟΦΙΛ 1:1
profiles 1:1

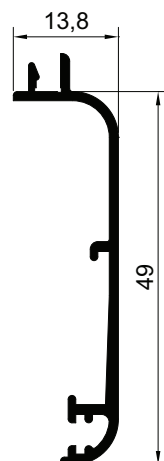




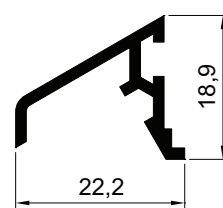
8113
205 gr/m



8506
285 gr/m

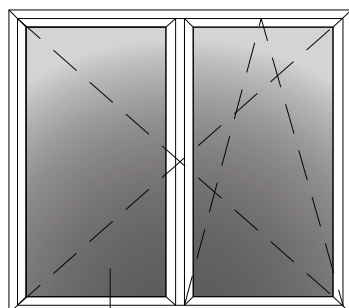


207
198 gr/m



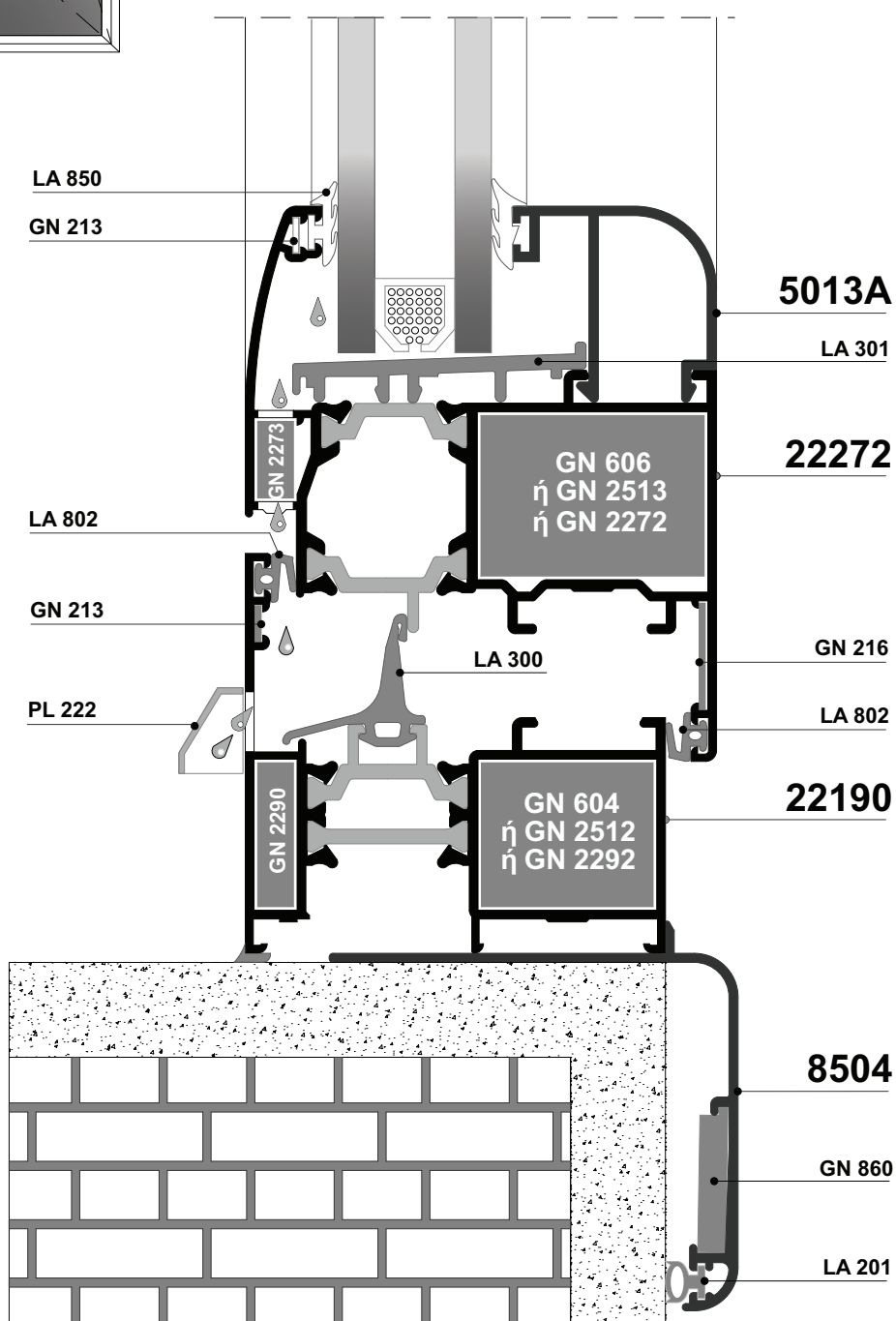
ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
double frame tilt & turn window

TOMEΣ 1:1
sections 1:1



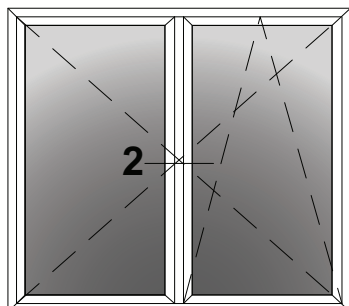
1

TOMH 1
section 1

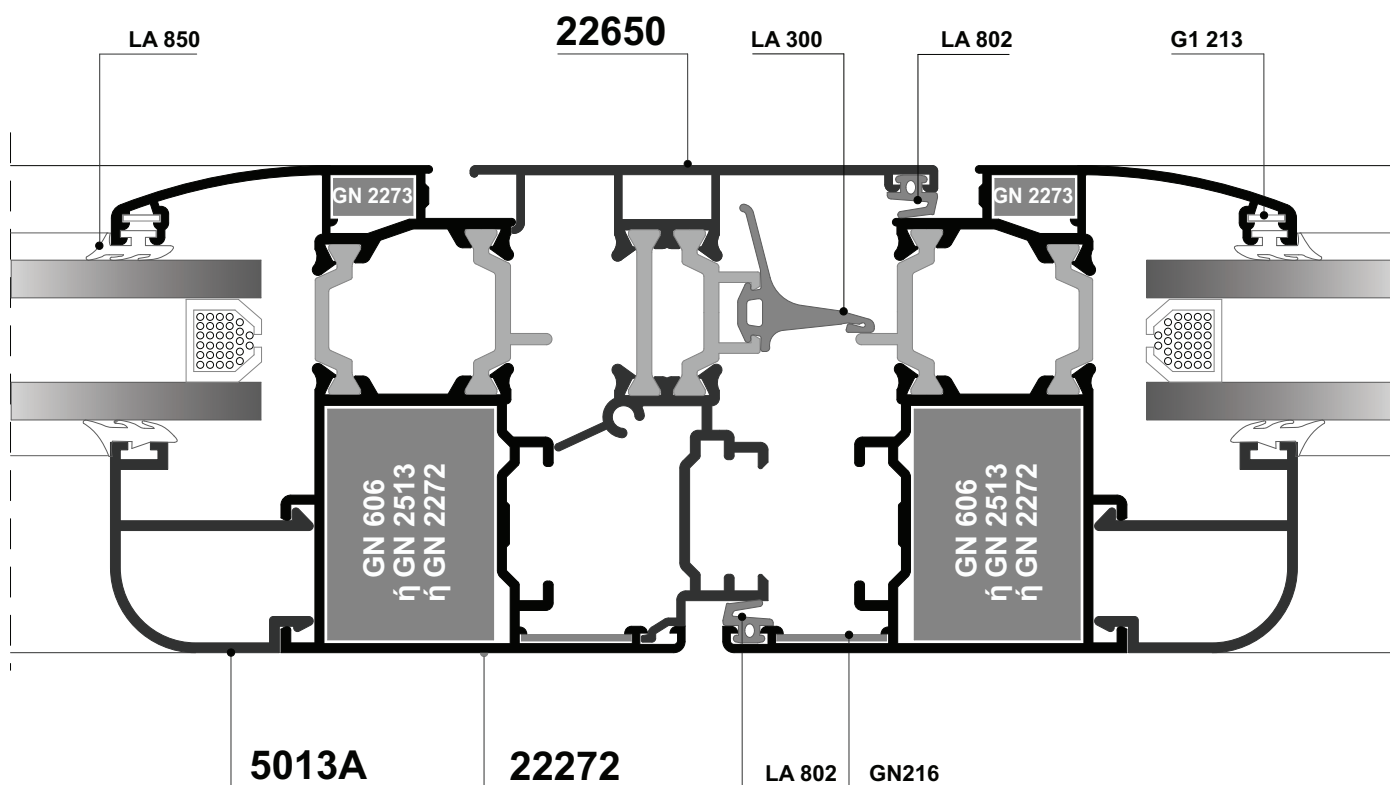


TOMEΣ 1:1
sections 1:1

ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
double frame tilt & turn window

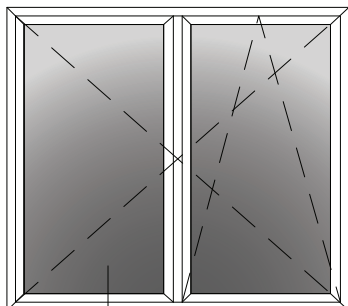


TOMH 2
section 2



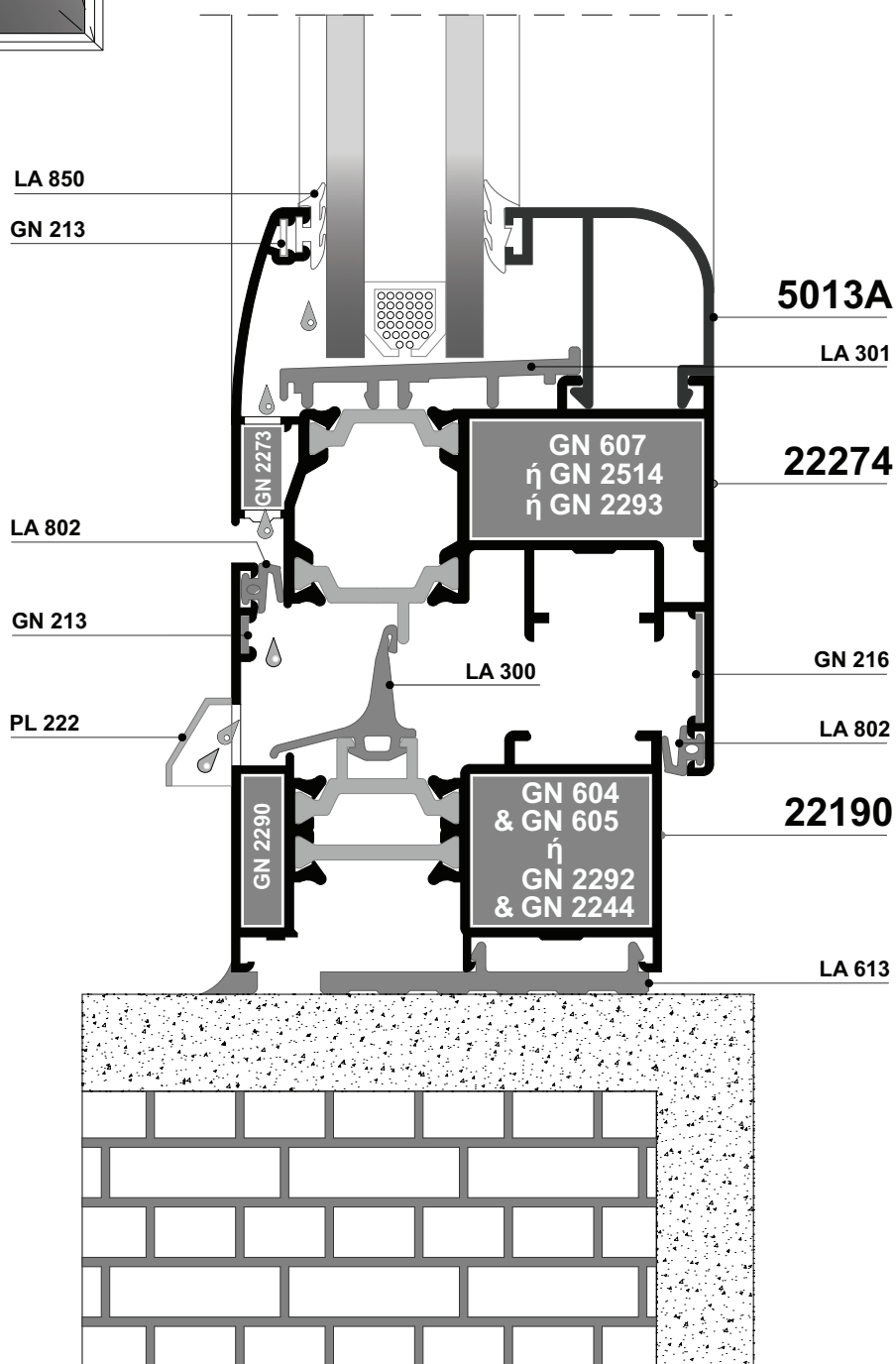
**ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
ΜΕ ΠΕΡΙΜΕΤΡΙΚΟ ΜΗΧΑΝΙΣΜΟ**
double frame tilt & turn window
with multilock mechanism

**TOMEΣ 1:1
sections 1:1**



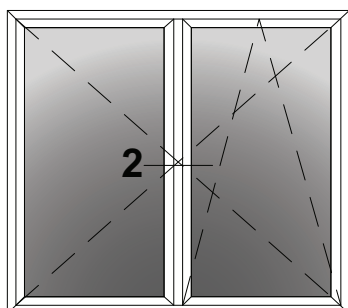
1

**TOMH 1
section 1**

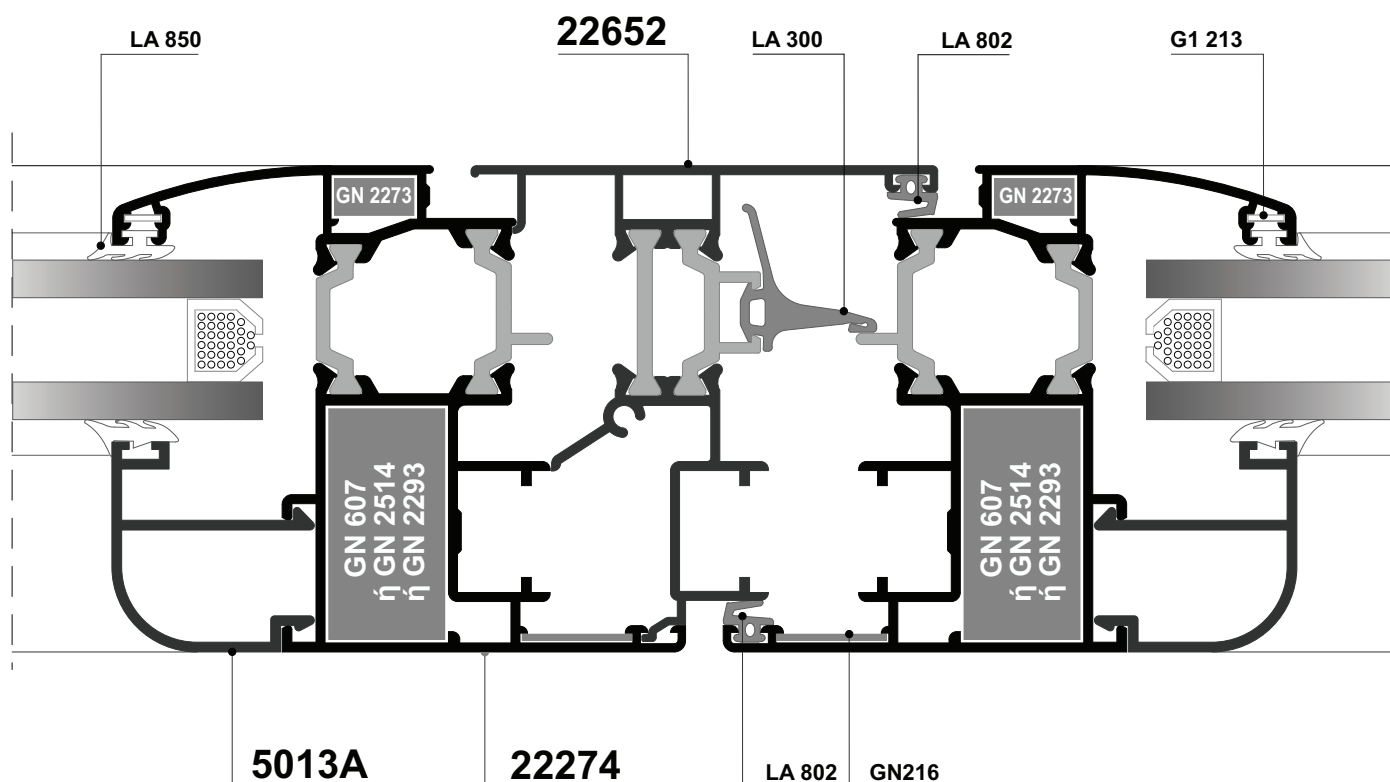


**ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
ΜΕ ΠΕΡΙΜΕΤΡΙΚΟ ΜΗΧΑΝΙΣΜΟ**
double frame tilt & turn window
with multilock mechanism

**TOMEΣ 1:1
sections 1:1**



**TOMH2
section 2**

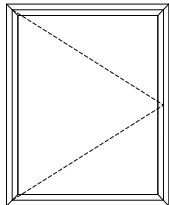


ΜΟΝΟΦΥΛΛΟ/ single leaf

α. Ανοιγόμενο /swing-in

β. Ανοιγό/ανακλινόμενο tilt & turn

γ. Με Περιμετρικό Κλείδωμα /multilocking



ΟΛΑ ΤΑ ΦΥΛΛΑ (all sashes)

ΜΕ ΚΑΣΑ (with frame) 22190

$$\text{ΠΦ} = \text{ΠΚ} - 52,6$$

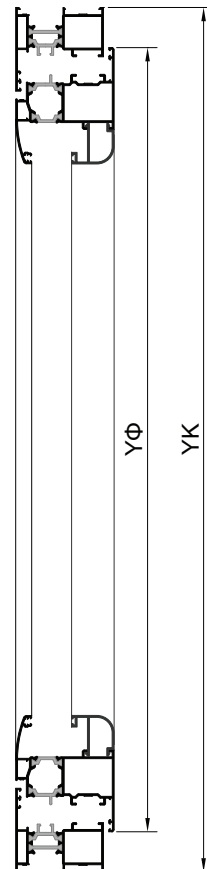
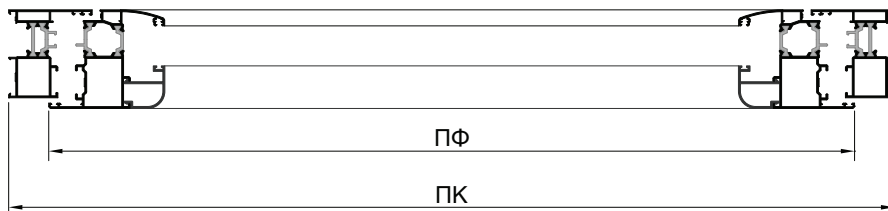
$$\text{ΥΦ} = \text{ΥΚ} - 52,6$$

ΠΚ = ΠΛΑΤΟΣ ΚΑΣΑΣ
length of frame

ΥΚ = ΥΨΟΣ ΚΑΣΑΣ
height of frame

ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash

ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash



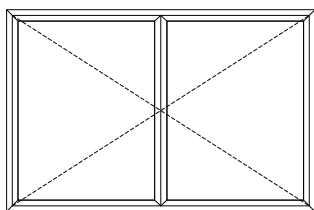
ΚΟΠΕΣ
cutting
instructions

ΔΙΦΥΛΛΟ/ double leaf

α. Ανοιγόμενο /swing-in

β. Ανοιγό/ανακλινόμενο tilt & turn

γ. Με Περιμετρικό Κλείδωμα /multilocking



ΟΛΑ ΤΑ ΦΥΛΛΑ (all sashes)

ΜΕ ΚΑΣΑ (with frame) 22190

$$\text{ΠΦ} = (\text{ΠΚ} - 57,6) : 2$$

$$\text{ΥΦ} = \text{ΥΚ} - 52,6$$

$$\text{ΥΜ} = \text{ΥΚ} - 123$$

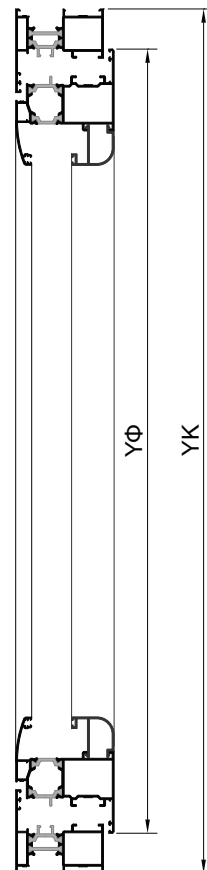
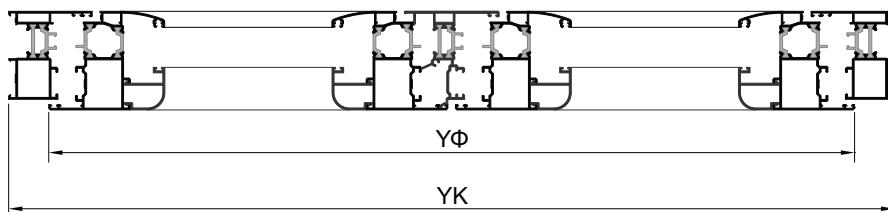
ΠΚ = ΠΛΑΤΟΣ ΚΑΣΑΣ
length of frame

ΥΚ = ΥΨΟΣ ΚΑΣΑΣ
height of frame

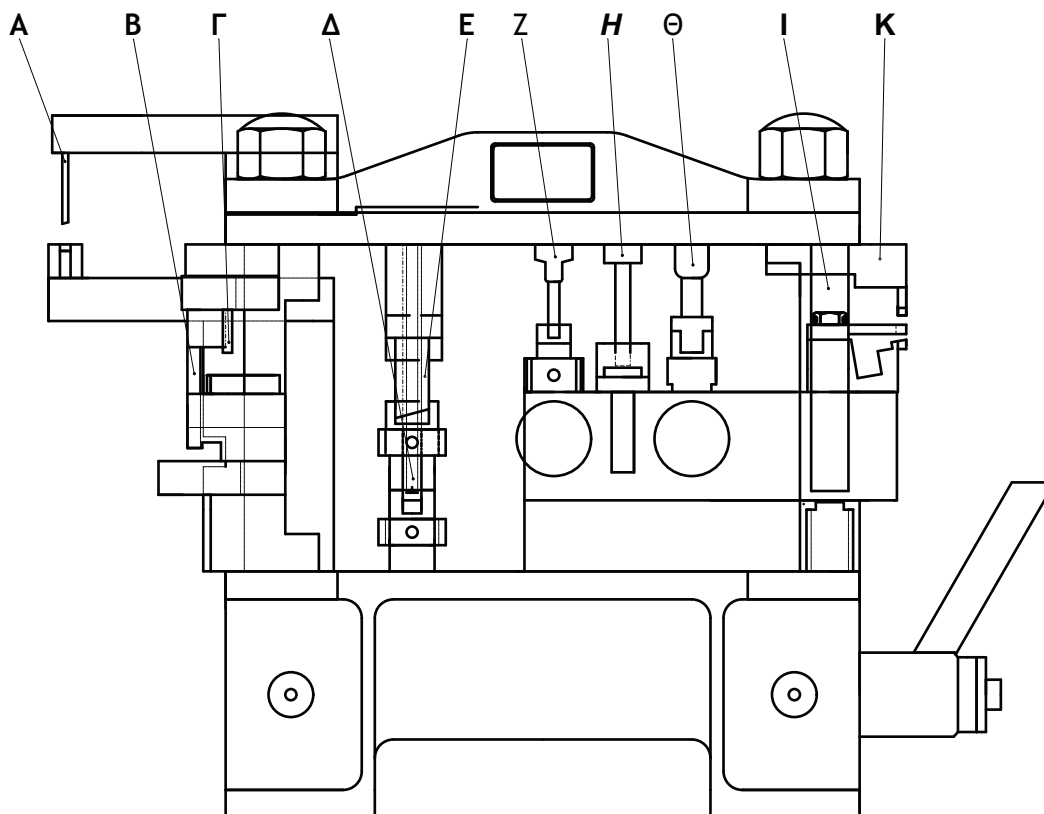
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash

ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash

ΥΜ = ΥΨΟΣ ΜΠΙΝΙΟΥ
height of intermediate

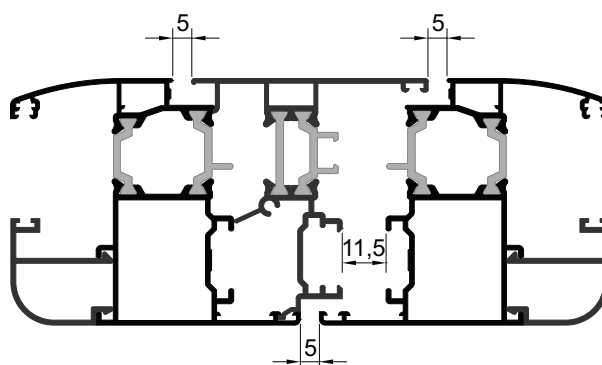
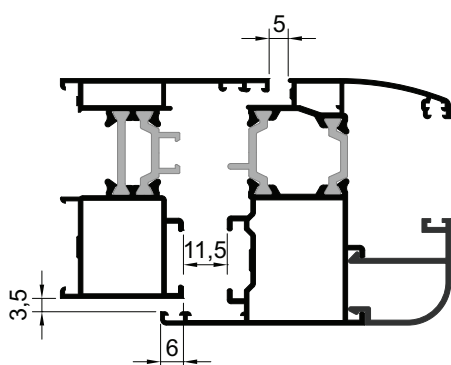


ΠΡΕΣΑΚΙ ΓΙΑ: SLIM-200, 8000, ENERGY 22, ENERGY 22 SPECIAL
punching press for SLIM-200, 8000, ENERGY 22, ENERGY 22 SPECIAL



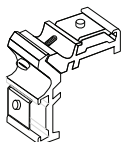
A/A	ΕΙΔΟΣ ΚΑΤΕΡΓΑΣΙΑΣ	TYPE OF CUTTING
A	ΟΠΗ ΚΑΒΙΛΙΑΣ ΜΙΚΡΟΥ ΘΑΛΑΜΟΥ ΓΙΑ ΘΕΡΜΟ	perforator for cotter pin corner bracket GN 301
B	ΚΟΠΤΙΚΟ ΣΠΑΝΙΟΛΕΤΑΣ	perforator for espagnolette
Γ	ΚΟΠΤΙΚΟ ΤΑΥ (ΑΝΘΡΩΠΑΚΙ) AC 830	perforator for connecting bracket AC 830
Δ	ΤΡΥΠΗΤΙΚΟ ΓΩΝΙΑΣ ΣΥΝΔΕΣΗΣ	perforator for corner cleats
Ε	ΤΡΥΠΗΤΙΚΟ ΓΩΝΙΑΣ ΣΥΝΔΕΣΗΣ 219 (GN 212)	perforator for corner cleats GN 212
Ζ	ΤΡΥΠΗΤΙΚΟ ΤΑΜΠΛΑ Ø6	perforator for bottom rail Ø6
Η	ΤΡΥΠΗΤΙΚΟ ΝΤΙΖΑΣ	perforator for connecting rod
Θ	ΤΡΥΠΗΤΙΚΟ ΤΑΜΠΛΑ Ø11	perforator for bottom rail Ø11
Ι	ΚΟΠΤΙΚΟ ΓΙΑ ΝΥΧΑΚΙ	cutting off edges of sashes's connecting rod tunnel
Κ	ΚΟΠΤΙΚΟ ΝΕΡΟΧΥΤΗ	perforator for drainage

ΤΥΠΟΠΟΙΗΣΗ CAMERA EUROPEA camera europea standardization



ΕΞΑΡΤΗΜΑΤΑ accessories

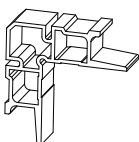
GN 2512



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΚΑΣΑΣ
22190 ΔΙΑΙΡΟΥΜΕΝΗ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

bifid corner cleat
for 22190 frame profile
(in side profile)

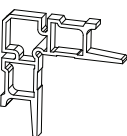
GN 2292



ΓΩΝΙΑ ΓΩΝΙΑΣΤΡΑΣ ΚΑΣΑΣ
22190
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

frame 22190 corner cleat
for crimping machine
(in side profile)

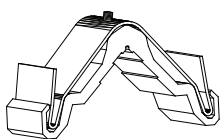
GN 2290



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΚΑΣΑΣ
22190 (ΕΞΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)
ΓΩΝΙΑΣΤΡΑΣ ή ΜΕ ΚΑΒΙΛΙΑ

frame 22190 corner cleat
for cotter pin or
crimping machine
(out side profile)

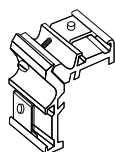
GN 606



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΦΥΛΛΟΥ
22272 ΜΟΝΟΚΟΜΜΑΤΗ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

monoblock corner bracket
for 22272 leaf profile
(in side profile)

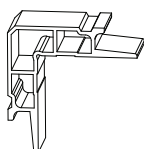
GN 2514



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΦΥΛΛΟΥ
22274 ΔΙΑΙΡΟΥΜΕΝΗ
ΠΕΡΙΜΕΤΡ. ΜΗΧΑΝΙΣΜΟΥ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

bifid corner cleat
for 22274 leaf profile
multilock mechanism
(in side profile)

GN 2293



ΓΩΝΙΑ ΓΩΝΙΑΣΤΡΑΣ
ΦΥΛΛΟΥ 22274
ΠΕΡΙΜΕΤΡ. ΜΗΧΑΝΙΣΜΟΥ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

leaf 22274 corner cleat
for crimping machine
(in side profile)

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΚΑΣΑΣ
22190 ΜΟΝΟΚΟΜΜΑΤΗ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

monoblock corner bracket
for 22190 frame profile
(in side profile)

ΓΩΝΙΑ ΓΩΝΙΑΣΤΡΑΣ ΚΑΣΑΣ
22190, ΠΕΡΙΜΕΤΡΙΚΟΥ
ΜΗΧΑΝΙΣΜΟΥ

frame 22190 corner cleat
for crimping machine &
multilock mechanism
(in side profile)

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΚΑΣΑΣ
22190 ΜΟΝΟΚΟΜΜΑΤΗ
ΠΕΡΙΜΕΤΡΙΚΟΥ ΜΗΧ/ΜΟΥ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

monoblock corner bracket
for 22190 frame profile
& multilock mechanism
(in side profile)

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΦΥΛΛΟΥ
22272 ΔΙΑΙΡΟΥΜΕΝΗ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

bifid corner cleat
for 22272 leaf profile
(in side profile)

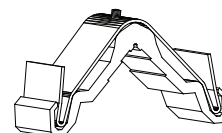
ΓΩΝΙΑ ΓΩΝΙΑΣΤΡΑΣ
ΓΙΑ ΦΥΛΛΟ 22272
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

leaf 22272 corner cleat
for crimping machine
(in side profile)

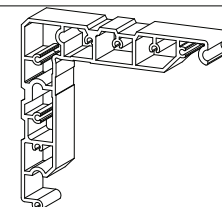
ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΦΥΛΛΟΥ
22274 ΜΟΝΟΚΟΜΜΑΤΗ
ΠΕΡΙΜΕΤΡ. ΜΗΧΑΝΙΣΜΟΥ
(ΕΣΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

monoblock corner bracket
for 22274 leaf profile
multilock mechanism
(in side profile)

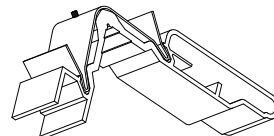
GN 604



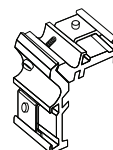
GN 2244



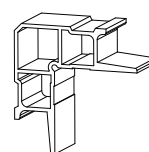
GN 605



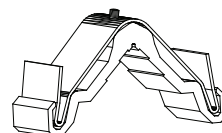
GN 2513



GN 2272

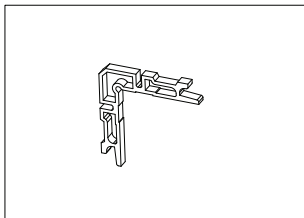


GN 607



ΕΞΑΡΤΗΜΑΤΑ accessories

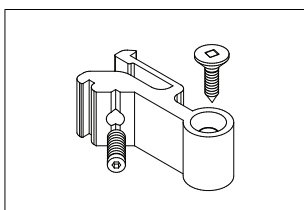
GN 2273



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΦΥΛΛΩΝ
22272, 22274 ΓΩΝΙΑΣΤΡΑΣ
ή ΜΕ ΚΑΒΙΛΙΑ
(ΕΞΩΤΕΡΙΚΟ ΠΡΟΦΙΛ)

corner cleat for
22272, 22274 profiles
for cotter pin or
crimping machine
(out side profile)

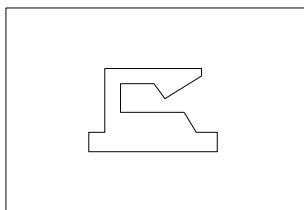
AC 833



ΣΥΝΔΕΣΜΟΣ ΤΑΥ
(ανθρωπάκι)

connecting bracket

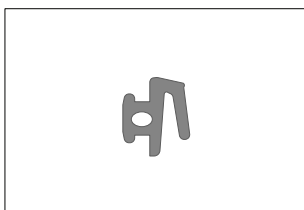
PL 860



ΚΛΙΠ ΓΙΑ ΠΗΧΑΚΙ

clip for glazing bead

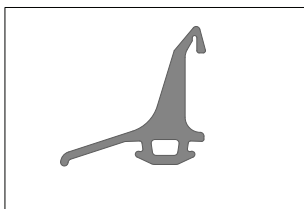
LA 802



ΛΑΣΤΙΧΟ "ΝΥΧΑΚΙ"

interior seal gasket

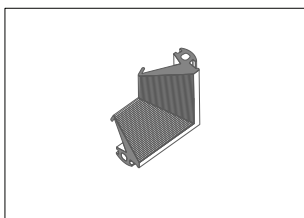
LA 300



ΛΑΣΤΙΧΟ ΚΕΝΤΡΙΚΟ
ΣΤΕΓΑΝΩΣΗΣ

central gasket

LA 304



ΛΑΣΤΙΧΟΓΩΝΙΑ

vulcanized rubber

ΚΑΒΙΛΙΑ ΓΙΑ
ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
GN 2273, GN 2290

cotter pin for aluminium
corner bracket GN 2273,
GN 2290

ΤΑΠΑ ΜΠΙΝΙ
22650 (ΣΕΤ)

plastic plug for
adaptor 22650 (set)

ΤΑΠΑ ΜΠΙΝΙ
ΠΕΡΙΜΕΤΡΙΚΟΥ
22652 (ΣΕΤ)

plastic plug for
adaptor 22652 (set)

ΠΡΟΦΙΛ
ΥΔΑΤΟΣΤΕΓΑΝΩΣΗΣ

profile directing water out

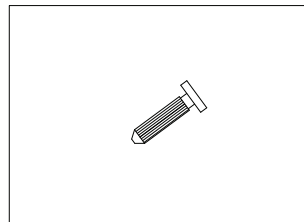
ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ
ΚΟΥΜΠΩΤΟ

push-in glass gasket

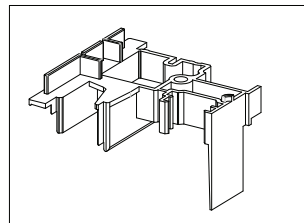
ΛΑΣΤΙΧΟ ΜΟΝΩΣΗΣ
ΚΑΣΑΣ 22190

insulating gasket
for frame 22190

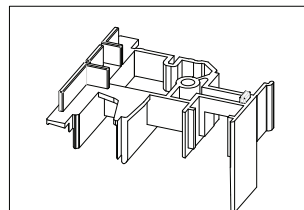
AC 303



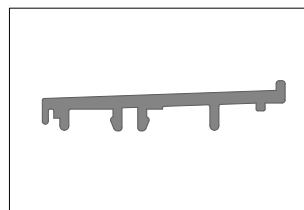
PL 305



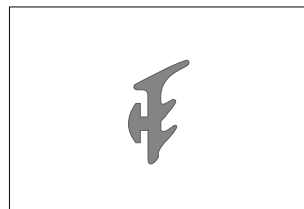
PL 307



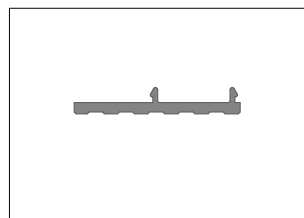
LA 301



LA 850



LA 613



The background of the entire page is an abstract blue design. It features a central bright light source from which numerous white and light blue rays emanate, creating a starburst or sunburst effect. Scattered throughout the blue field are several spheres of varying sizes, some of which have a metallic, reflective appearance with highlights and shadows. The overall aesthetic is clean, modern, and high-tech.

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