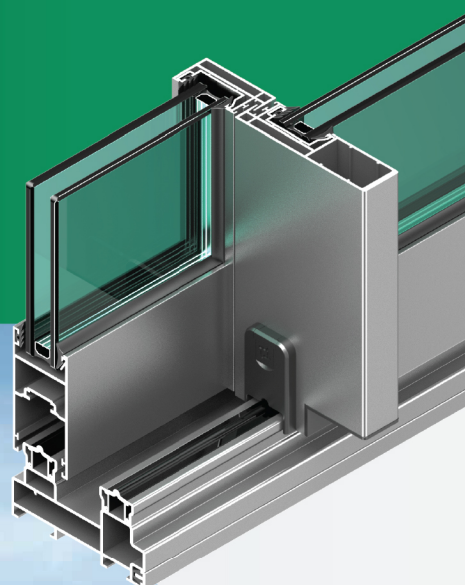




Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

TENDU SLIM PLUS

Sliding System



PROFILES 1:1

2026
VER. 01

MACHINES AND ALUMINUM CENTER

Machines and Aluminum Center is an Egyptian based company established in the year 1981 and started its activity with aluminium applications in architectural and construction field.

They represent and cooperate with several leading European firms in field of aluminium business including aluminium fabrication machinery, accessories and hardware for architectural applications and different aluminium systems varying from windows and doors, up to facades and solar protection.

Our goal is to supply our clients with whatever is needed to apply our aluminium systems in the building construction. We are specialized in supplying all required machinery, equipments, dies, punches, hardware and fittings for our aluminium systems.

We offer a wide range of products to local market and neighbor countries. Our product range includes windows and doors, partition systems, different façade solutions and the related integrated accessories.

We partner with our customers with value added services which means that with the help of our specialized team of engineers, we provide our clients with technical support to assist them in improving their product's quality.

We are committed to innovative and creative product design to fulfill all architectural requirements. Our products can meet the most exacting engineering and technical standards while overcoming sophisticated design challenges.



Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

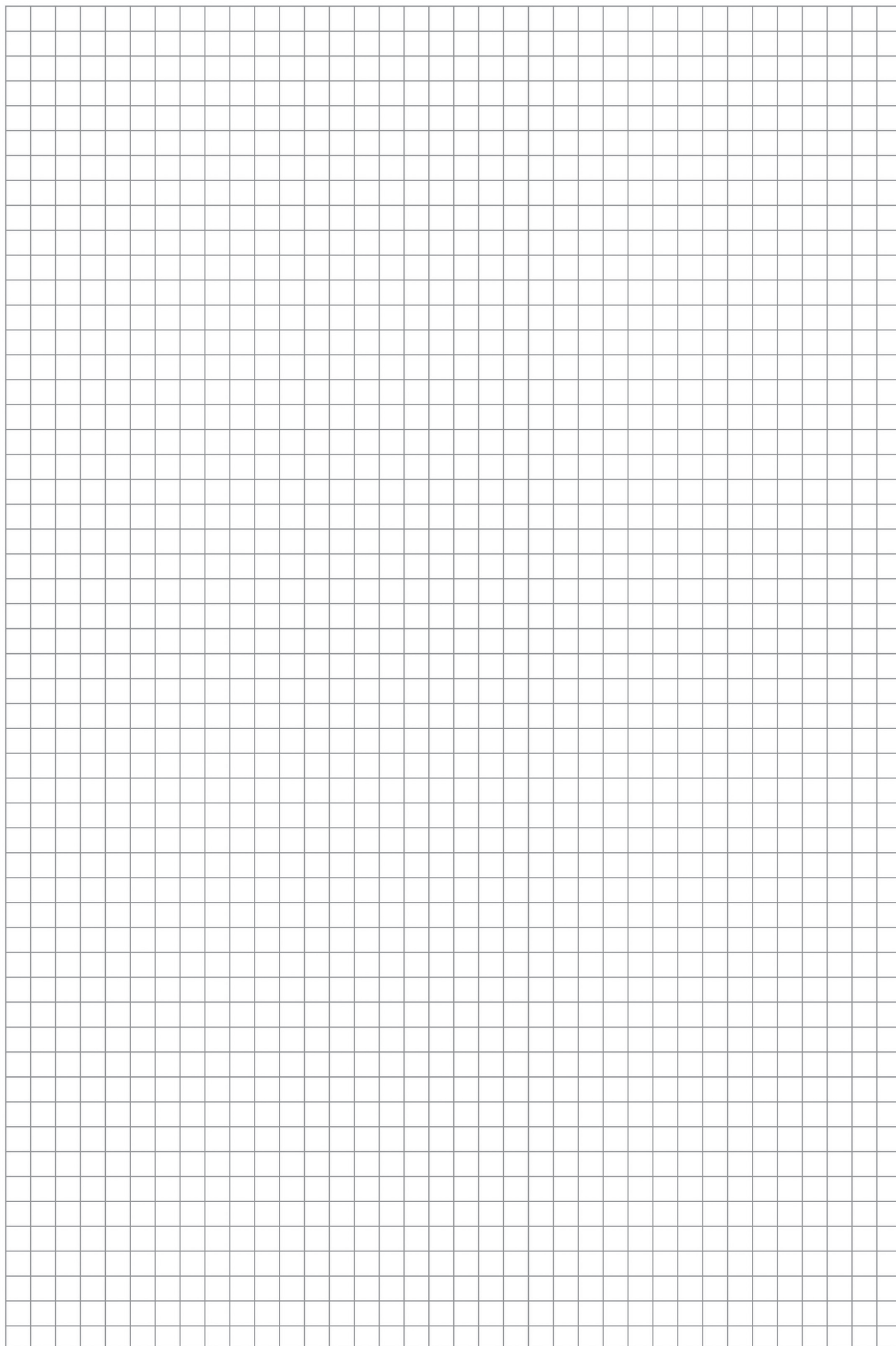
The profiles shown in this catalogue are patented.

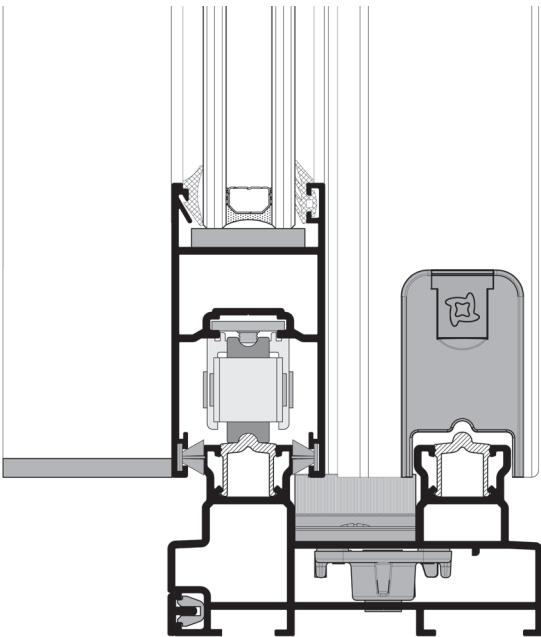
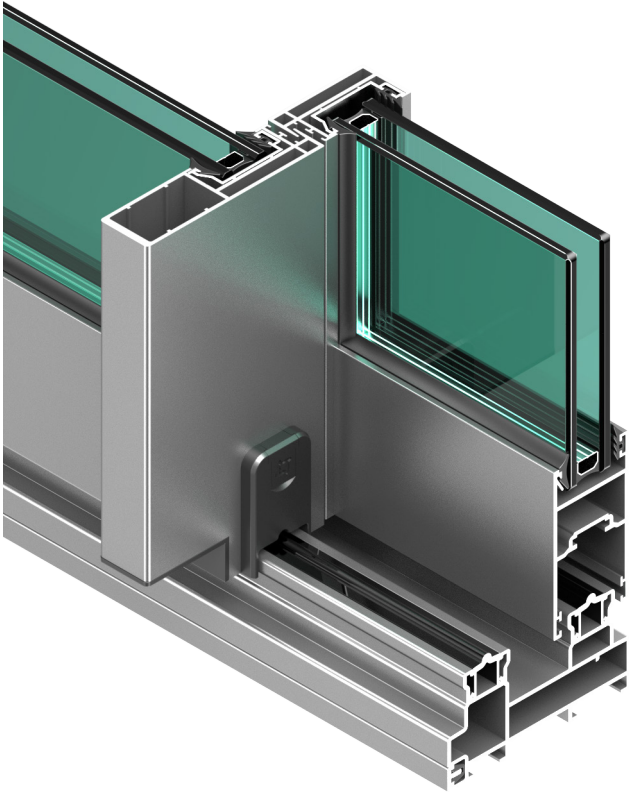
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The manufacturer reserves the right to modify the items in this catalog without advanced notice.

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Complies with European norm
hEN 1435-1

Air Permeability	(Class 3) up to 600 pa.
Water Tightness	(Class 6A) up to 250 pa.
Resistance to wind load	(Class B3) up to 1200 pa.

- Offers integrated sliding door solution with facade systems adding an aesthetic value to the glass facades (optional).
- Offers an extensive range of accessories including integrated lift & slide accessories.
- Obtains excellent technical performance and air permeability classifications, using gasket instead of pile weather-strip (optional).
- Used for doors and windows with heavy large sash to obtain a wide view.

Technical Characteristics

Frame Depth

98 mm. to 134 mm.

Frame Height

52 mm.

Sash Depth

40 mm.

Sash Height

86 mm.

Max Glass Thickness

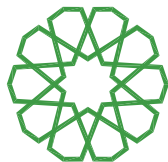
Up to 27 mm.

Max Sash Weight

Up to 250 kg.

Sealing Type

Perimetrical, with two rows of high-density brushes EPDM gaskets for tilt and slide



EUROPEAN CERTIFYING ORGANIZATION S.p.A.
NOTIFIED TESTING LABORATORY N. 0714
FOR REGULATION (EU) No 305/2011
CLASSIFICATION ASSESSMENT
N. 0714-CPR-1290 DATED AUGUST, 05 2015

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011, that replaces Council Directive 89/106/EEC and lays down conditions for the placing or making available on the market of construction products by establishing harmonised rules on how to express their performance in relation to their essential characteristics and taking account of the horizontal legal framework for the marketing of products in the internal market, established by Regulation (EC) No. 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products, as well as by Decision No. 768/2008/EC of the European Parliament and of the Council of 9 July 2008 on a common framework for the marketing of products, and in compliance with hEN 14351-1:2006 - A1:2010 Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics, which is currently in force, European Certifying Organization S.p.A., notified laboratory NB 0714, carried out the following:

type-testing

for the determination of the essential characteristics

Air Permeability - Water tightness - Resistance to Wind Load

on the below mentioned external pedestrian doorset without resistance to fire and/or smoke leakage characteristics

In compliance with EN 12207:1999, EN 12208:1999, EN 12210:1999 - Classification,

EN 1026:2000, EN 1027:2000, EN 12211:2000 - Tests and calculations

System of assessment and verification of constancy of performance 3

The specimen, as provided by the Manufacturer, was identified as follows:

DESCRIPTION OF THE PRODUCT

Type: Sliding French door, 2 sliding sashes.
Model: TENDU 120
Width= 2,200 mm, Height = 2,200 mm, Thickness = 108 mm
Fabrication number: -
Date of fabrication: 2015

PRODUCED IN THE FACTORY

Name: MACHINES & ALUMINIUM CENTER
Address: 122, MOHIY AL-DIN ABU AL-EZZ ST., DOKKI - GIZA - EGYPT

PLACED ON THE MARKET BY

Name: MACHINES & ALUMINIUM CENTER
Address: 122, MOHIY AL-DIN ABU AL-EZZ ST., DOKKI - GIZA - EGYPT

Taking into account the documentation submitted by the Manufacturer and on the basis of the results of the type-testing carried out, as described in the laboratory report ECO CP0025/3, dated August, 05 2015, in accordance with Annex ZA of hEN 14351-1:2006 - A1:2010 and with the EN 12207:1999, EN 12208:1999 and EN 12210:1999 classification, to the specimen, as previously identified,

THE FOLLOWING CLASSIFICATION IS AWARDED

AIR PERMEABILITY:	CLASS 3
WATERTIGHTNESS:	CLASS 6A
RESISTANCE TO WIND LOAD:	CLASS B3

The results refer only to the specimen that has been provided by the Manufacturer and submitted to type-testing listed above.
This classification assessment consists of 1 page and its reproduction is permitted in full only.

Faenza, August, 05, 2015

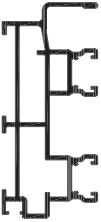
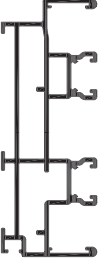
The undersigned ECO Certificazioni S.p.A. Scheme Manager CPR

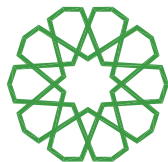
Eng. Gianluca Camporesi

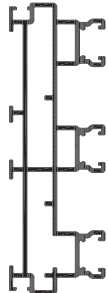
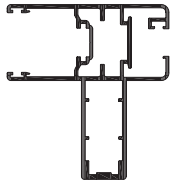
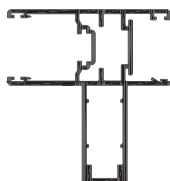


ECO Certificazioni S.p.A. • Via Mengolina, 33
48018 Faenza (RA) - ITALY
Tel. +39 0546 624911 • Fax +39 0546 624922
E-mail: info@eco-cert.it • www.ecocertificazioni.eu

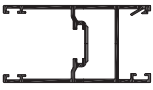
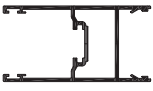
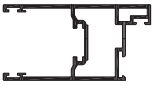
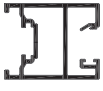
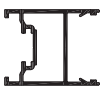
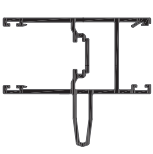
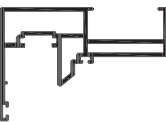


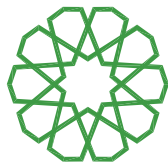
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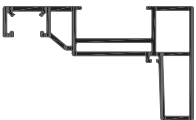


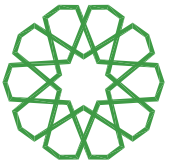
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	21204130	Leaf Profile	1.520	475	15.31	28.25	17
	21204230	Leaf Profile	1.504	464	15.21	27.49	17
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Section	Profile no.	Description	Weight kg/m	Perimeter mm	Inertia		Page No.
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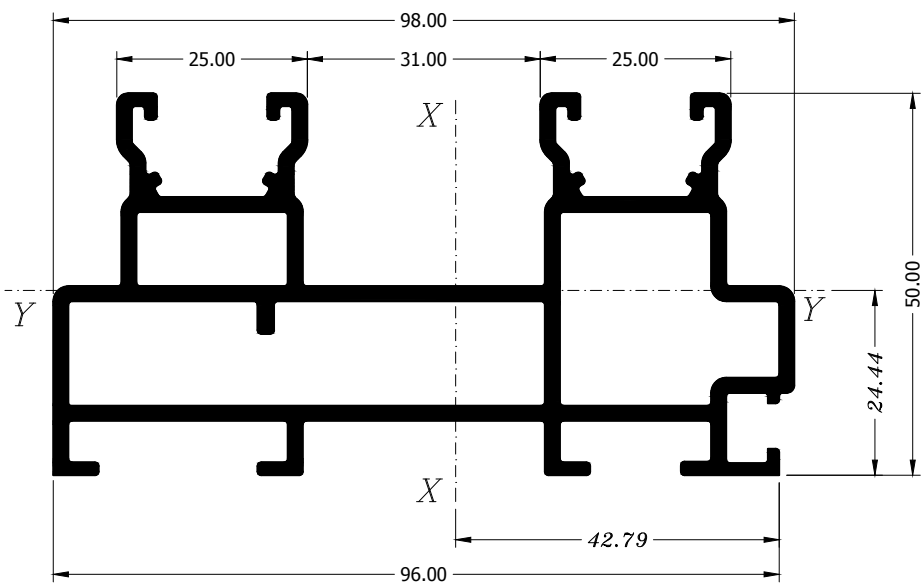
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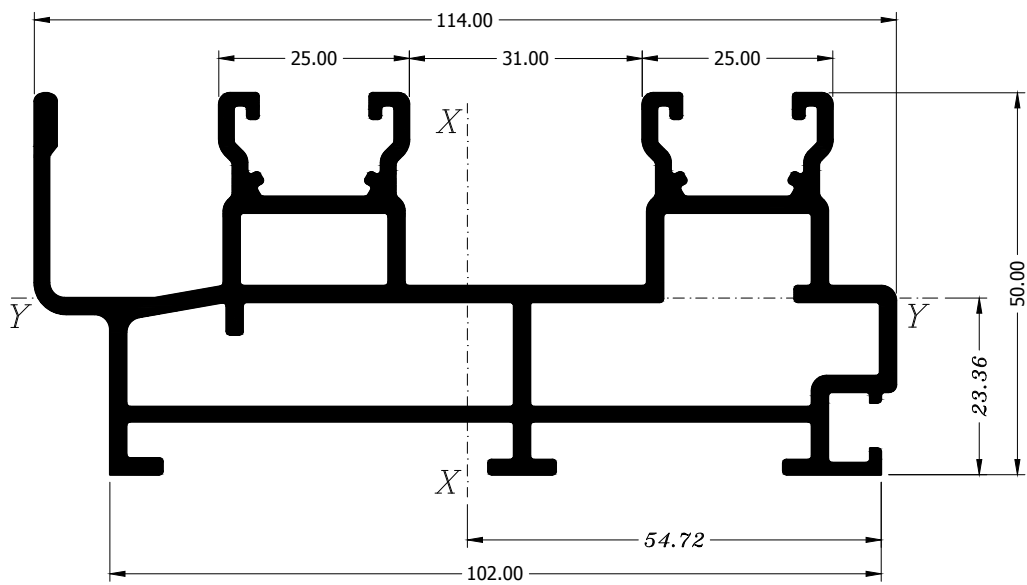
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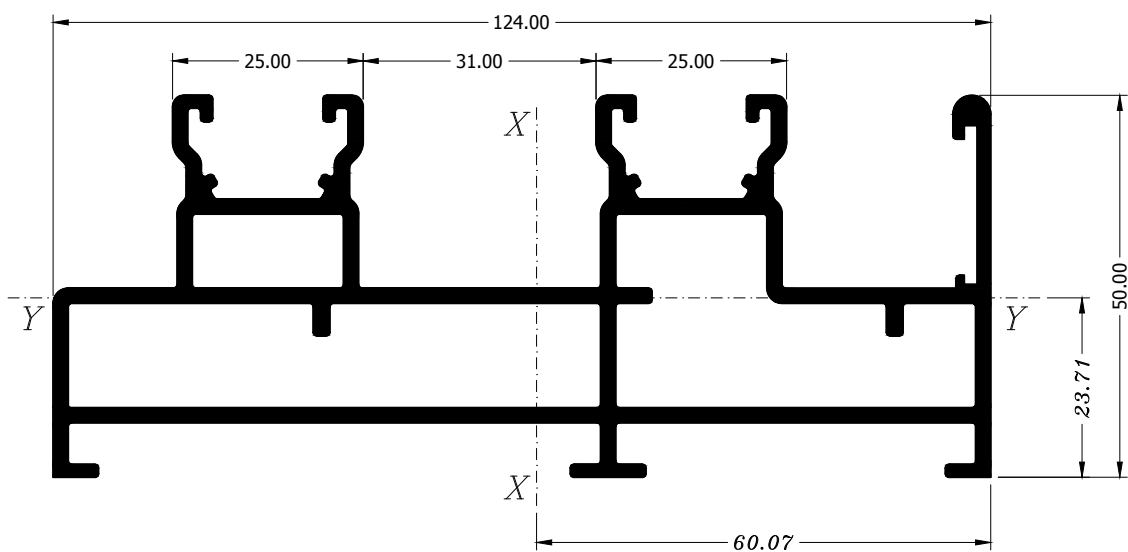
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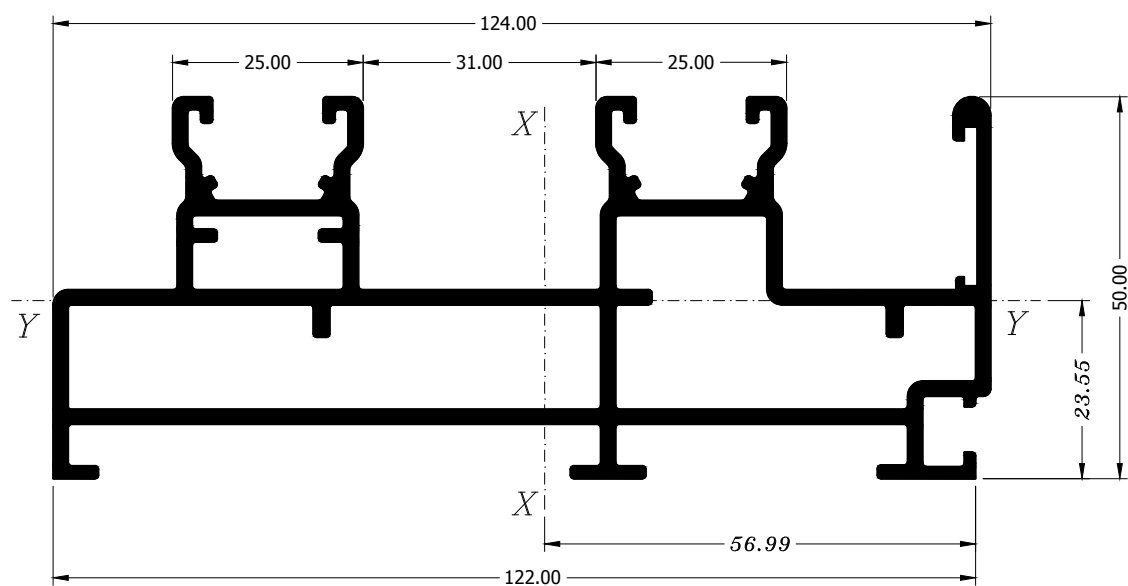
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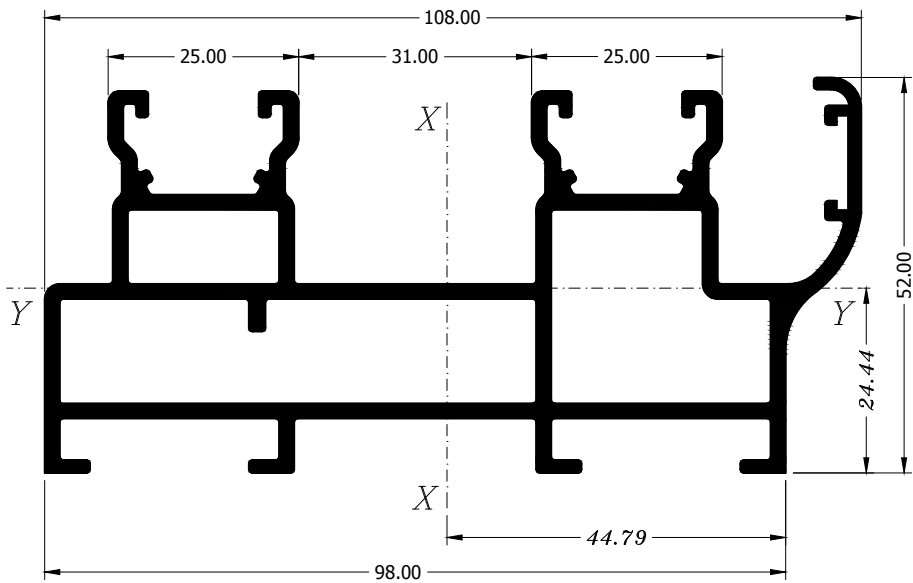
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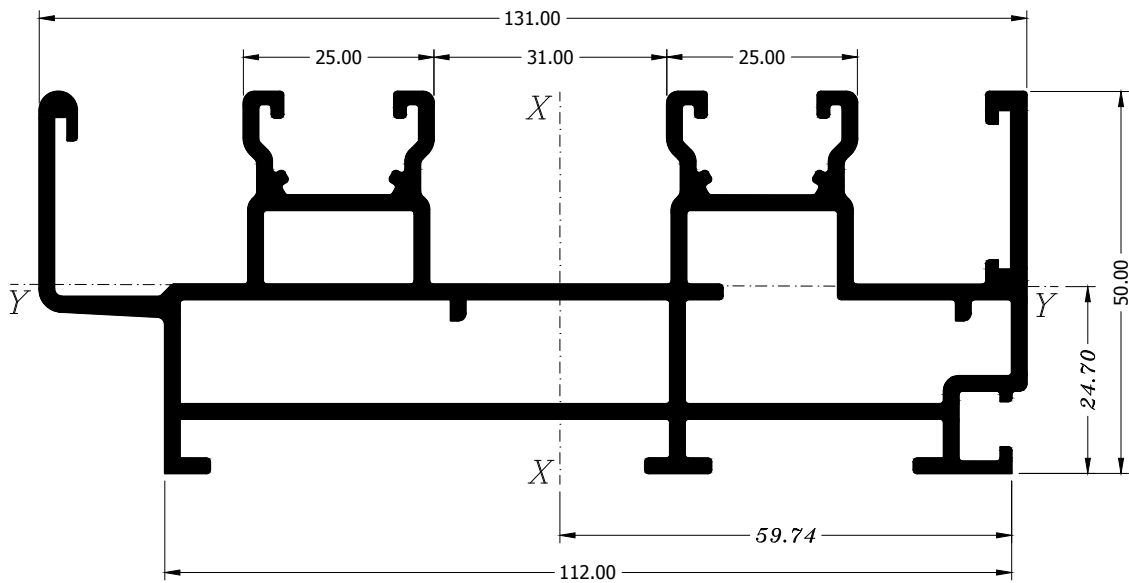
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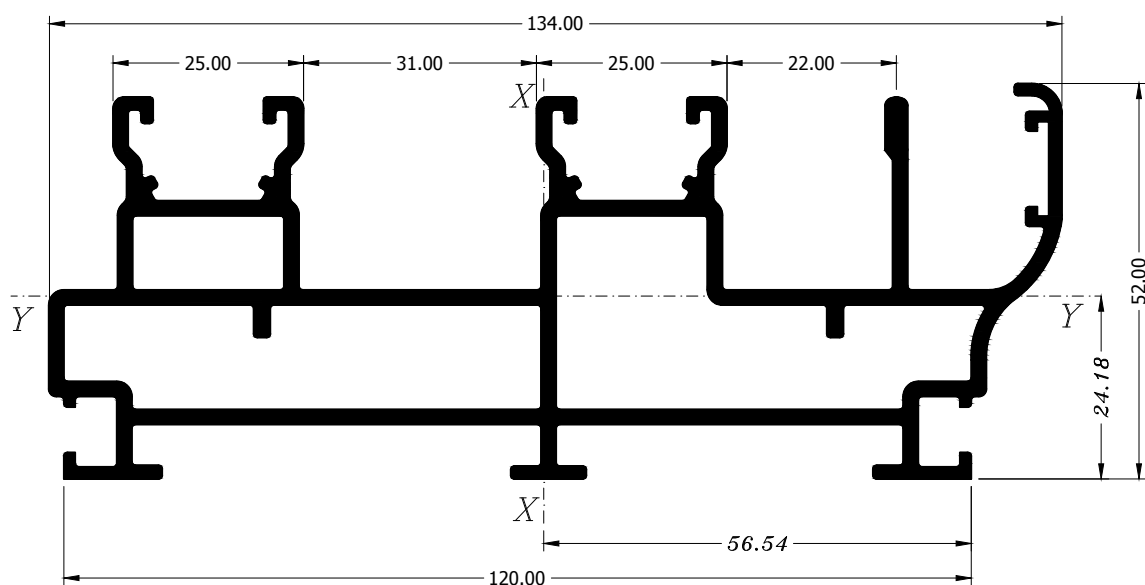
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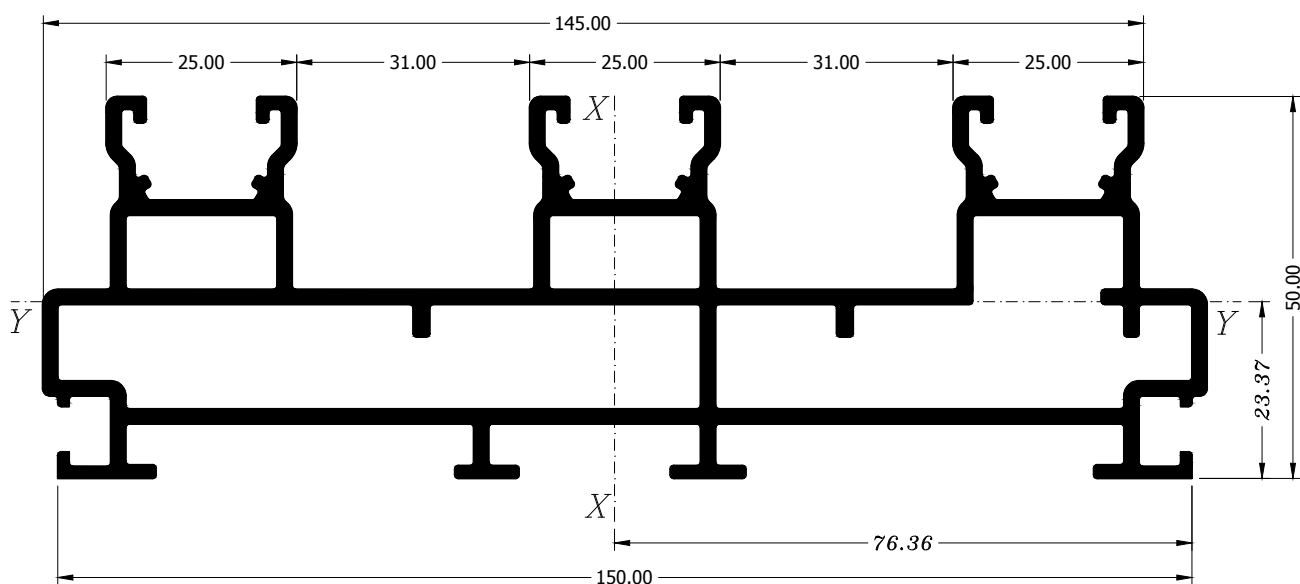
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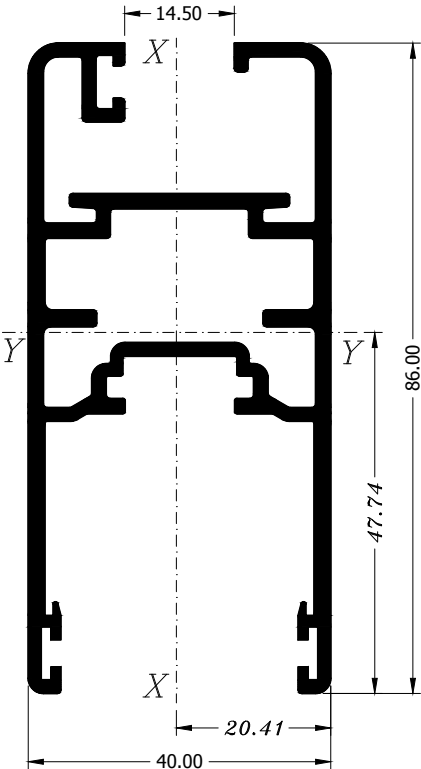
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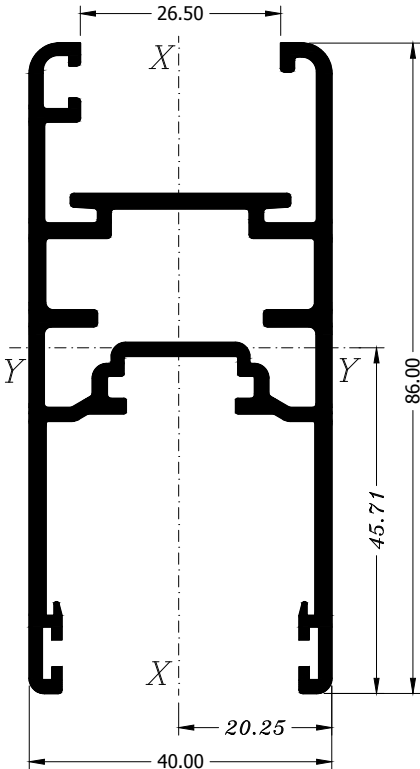
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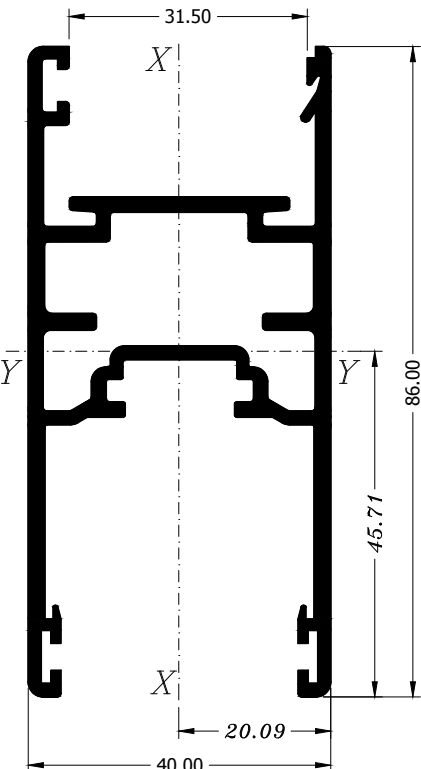
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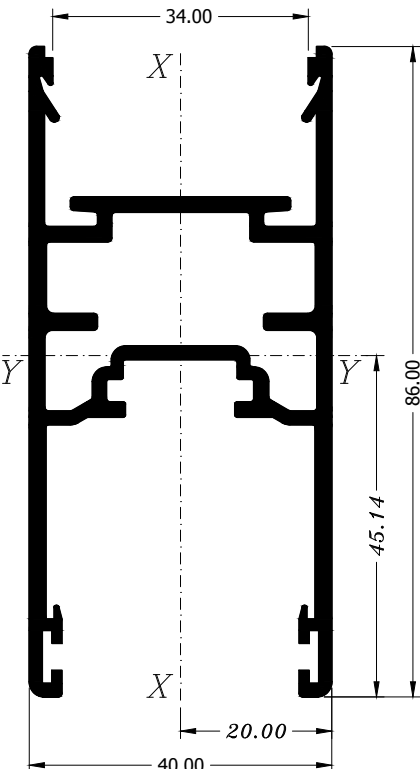
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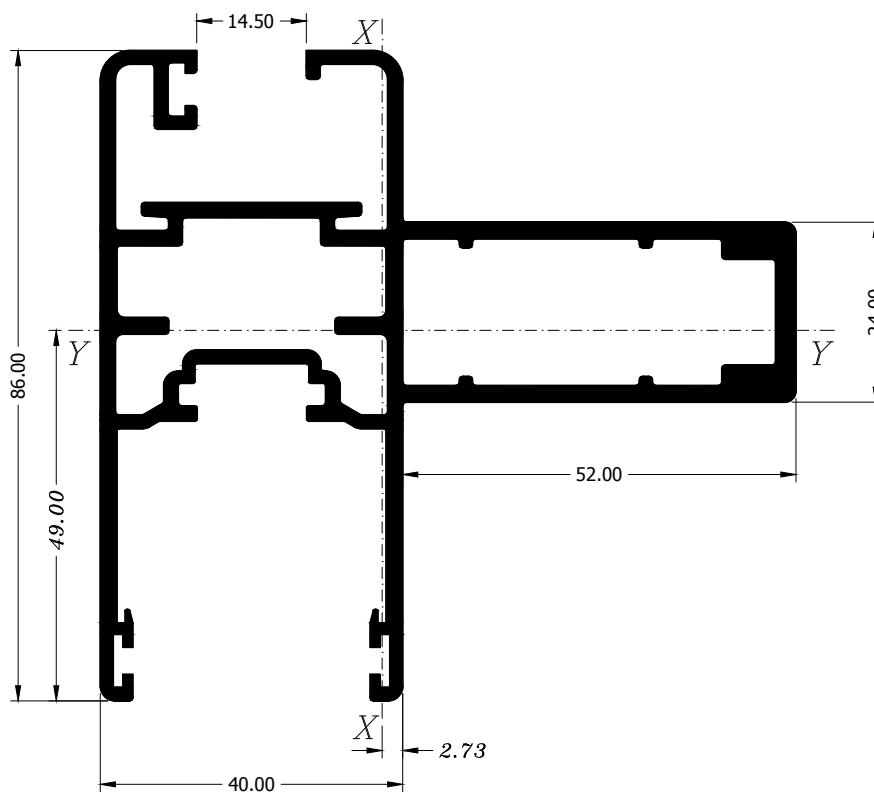
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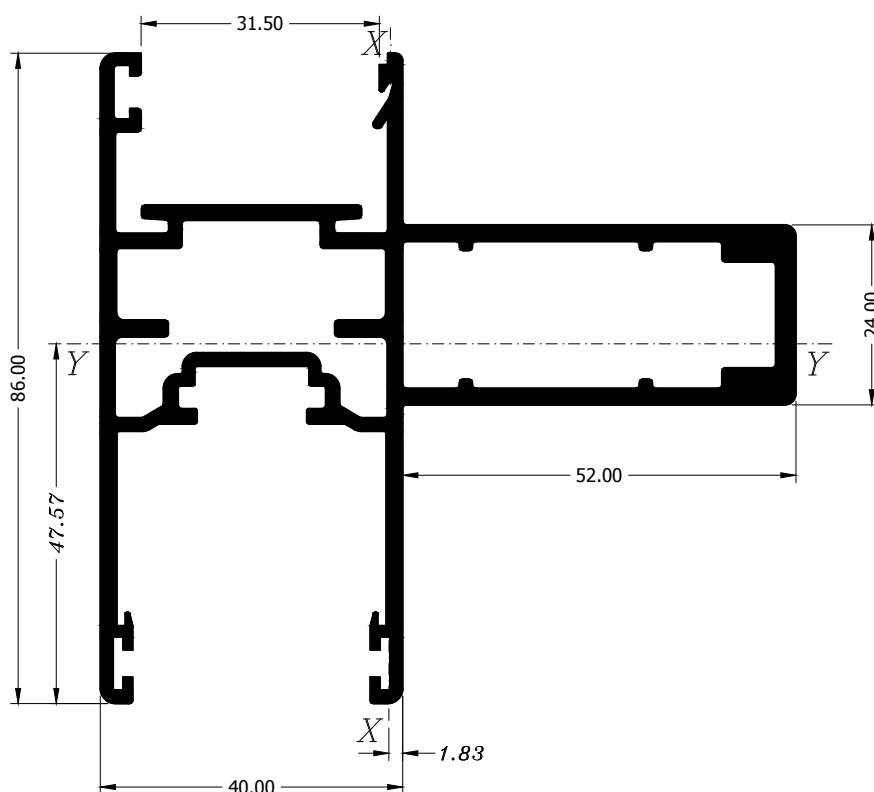
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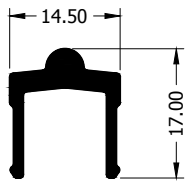
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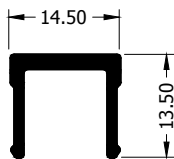
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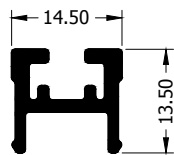
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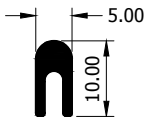
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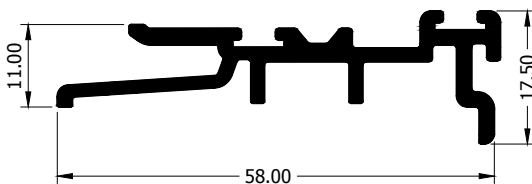
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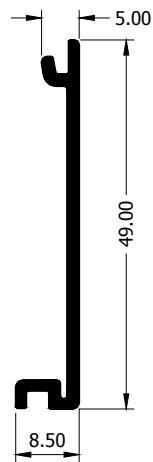
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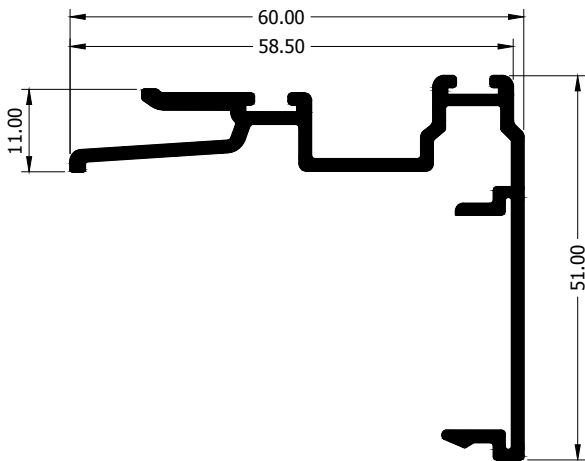
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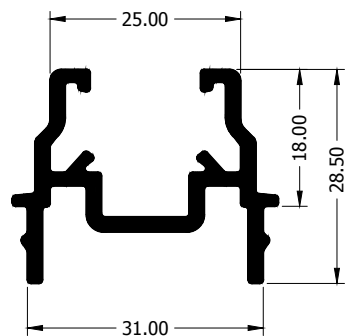
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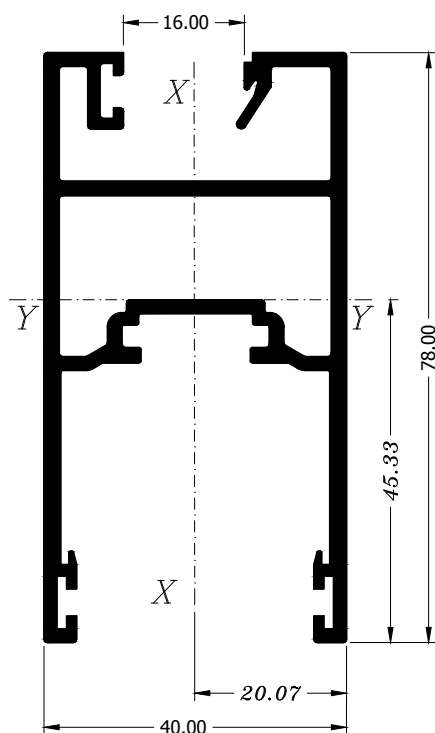
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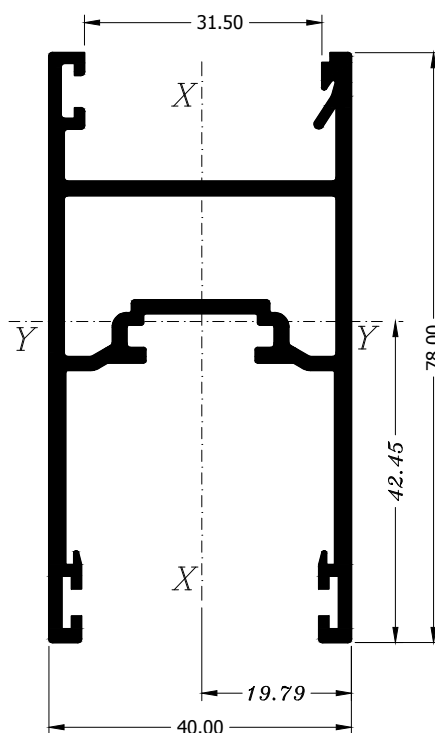
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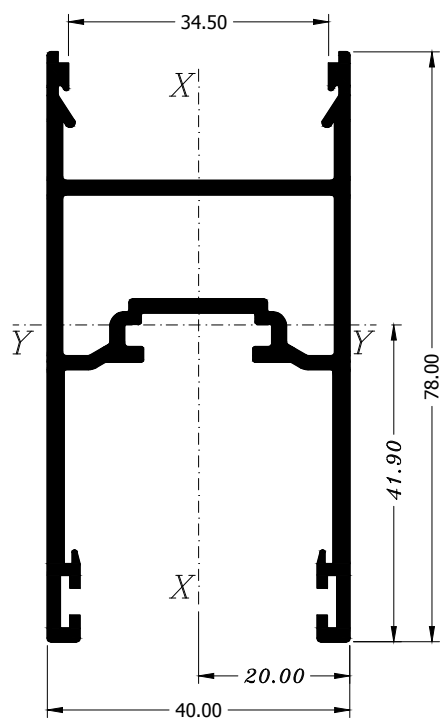
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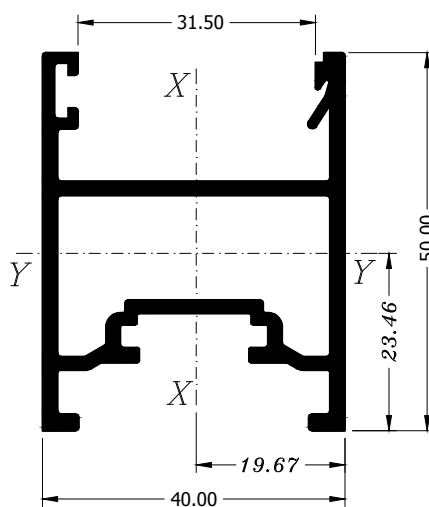
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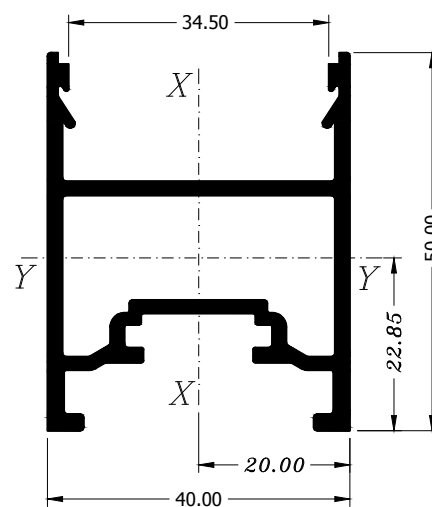
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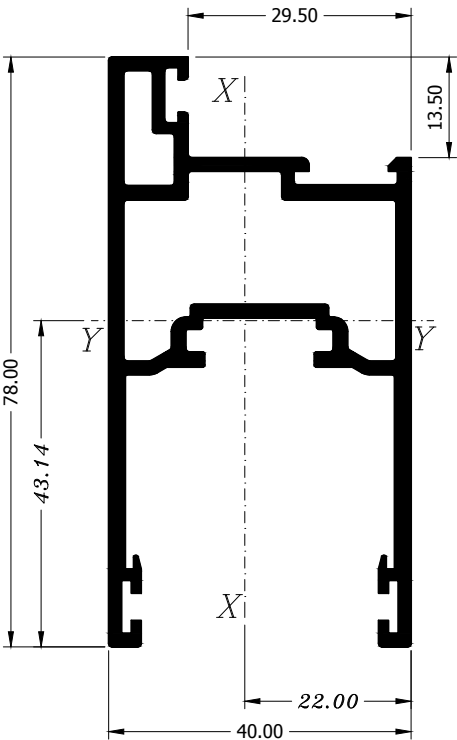
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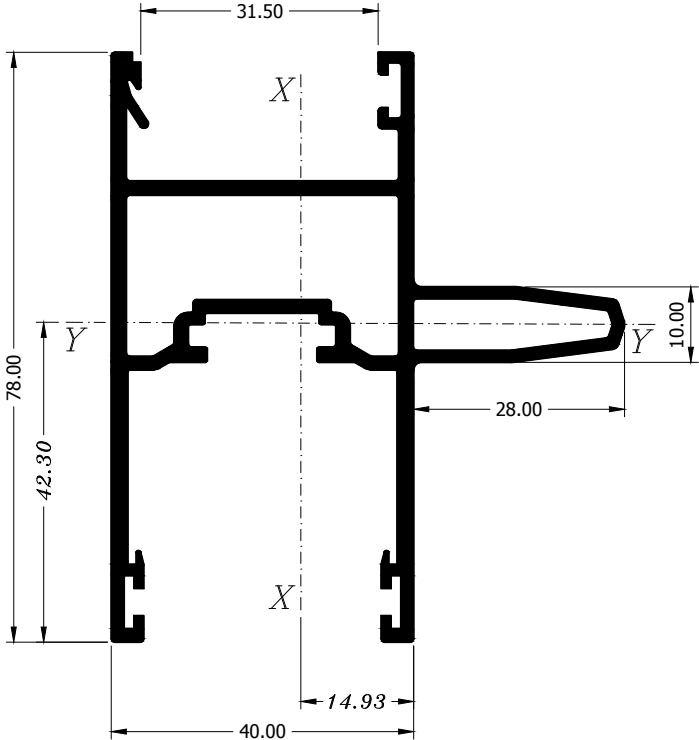
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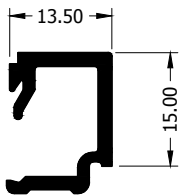
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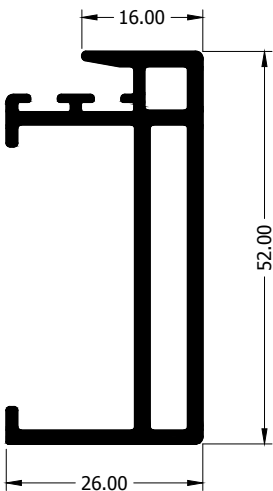
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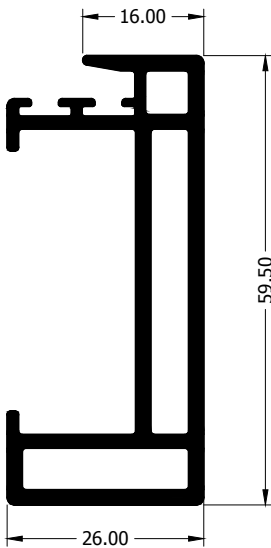
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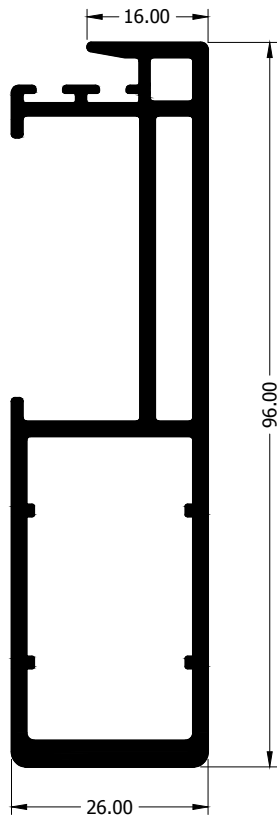
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0.188 Kg./ml.



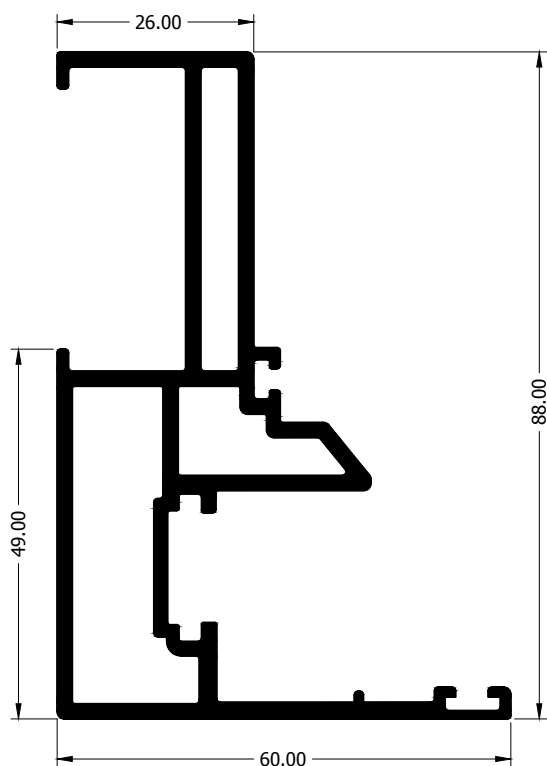
2 120 7020
0.805 Kg./ml.



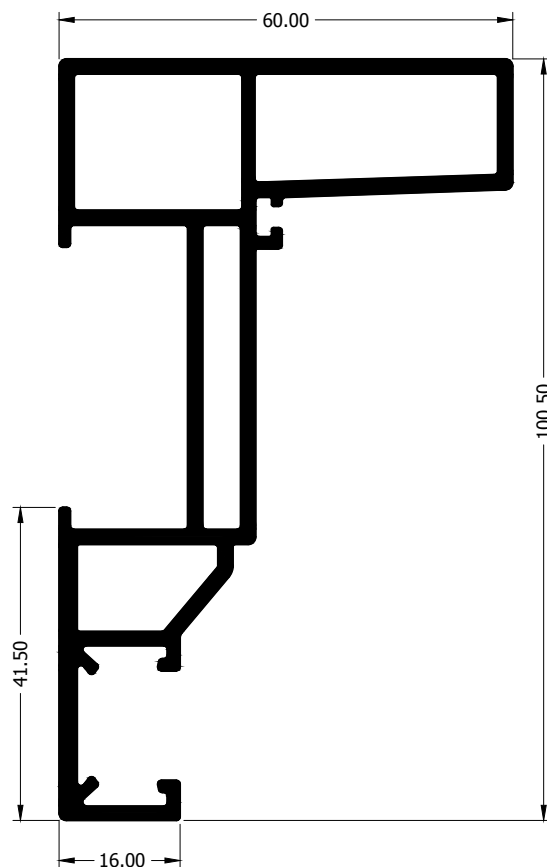
2 120 7120
1.000 Kg./ml.



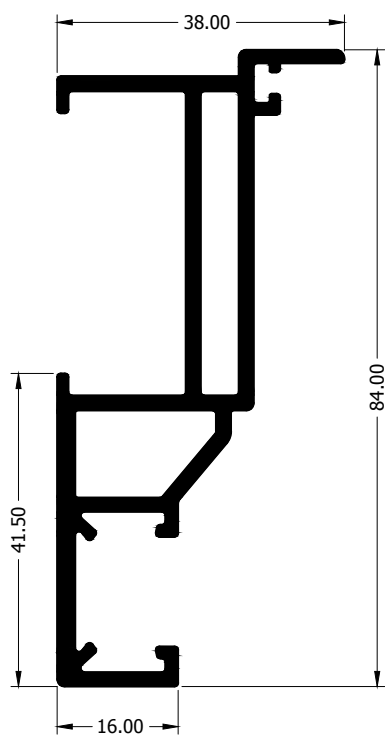
2 120 7320
1.452 Kg./ml.



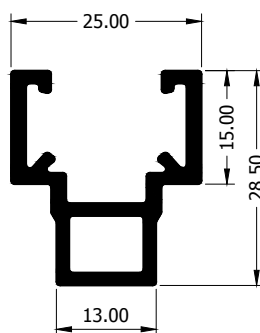
2 120 8304
1.759 Kg./ml.



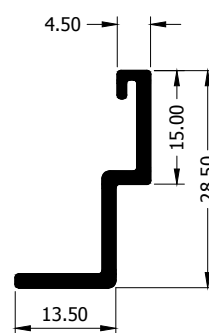
2 120 8414
1.848 Kg./ml.



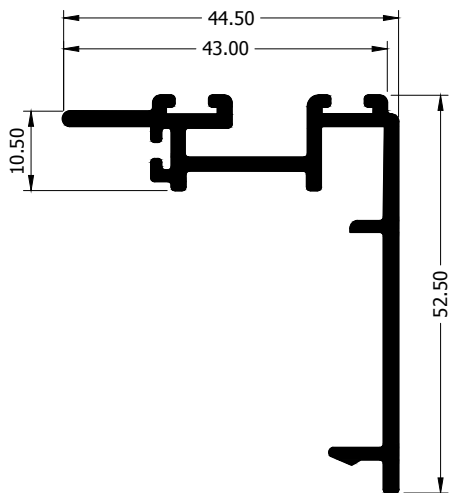
2 120 8404
1.246 Kg./ml.



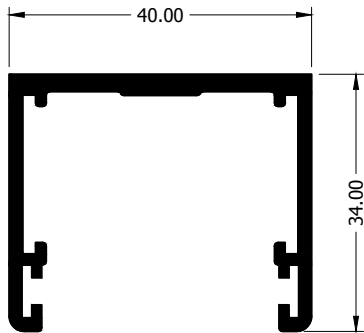
2 120 9310
0.456 Kg./ml.



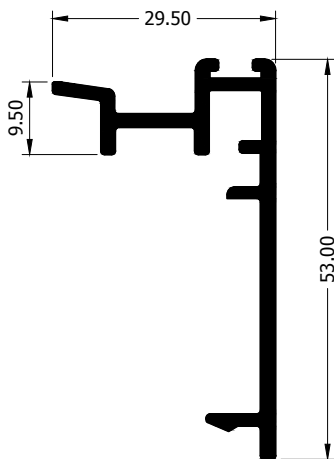
2 120 9320
0.203 Kg./ml.



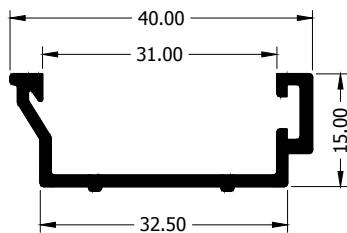
2 120 9560
0.651 Kg./ml.



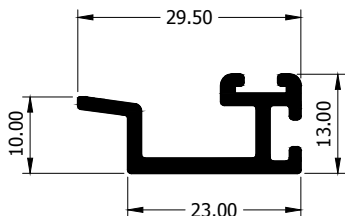
2 120 9410
0.599 Kg./ml.



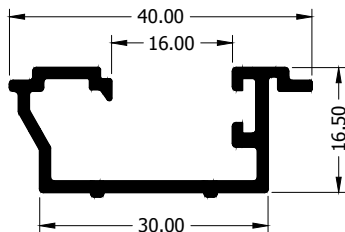
2 120 9570
0.500 Kg./ml.



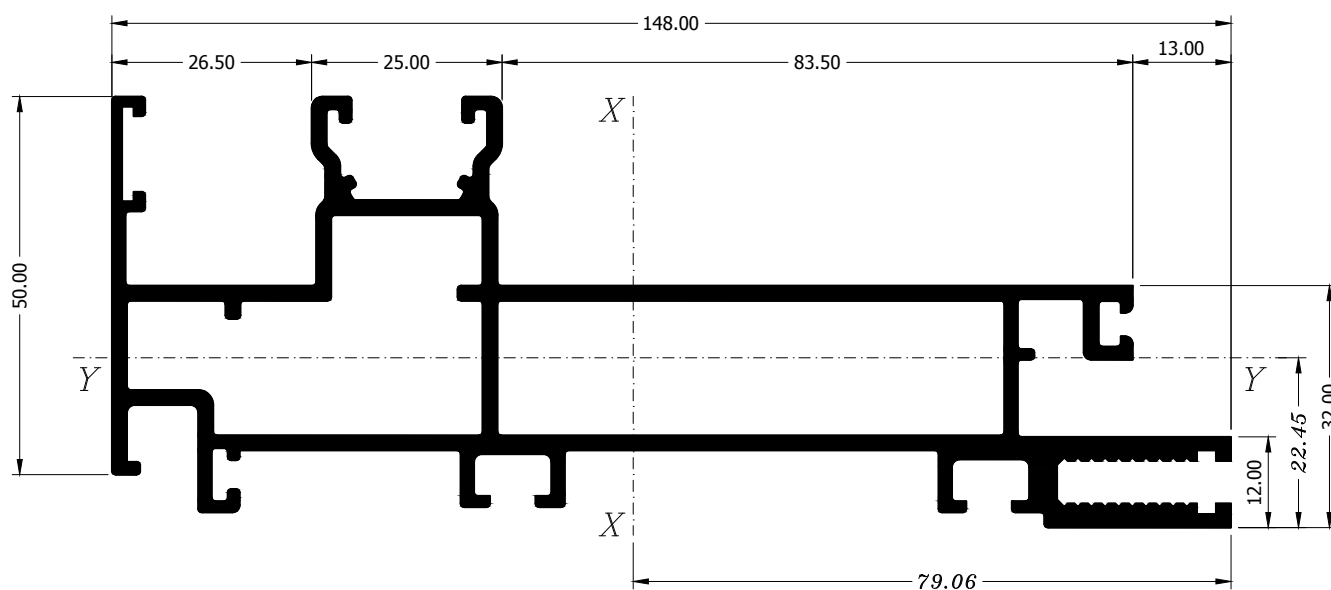
2 120 9820
0.247 Kg./ml.



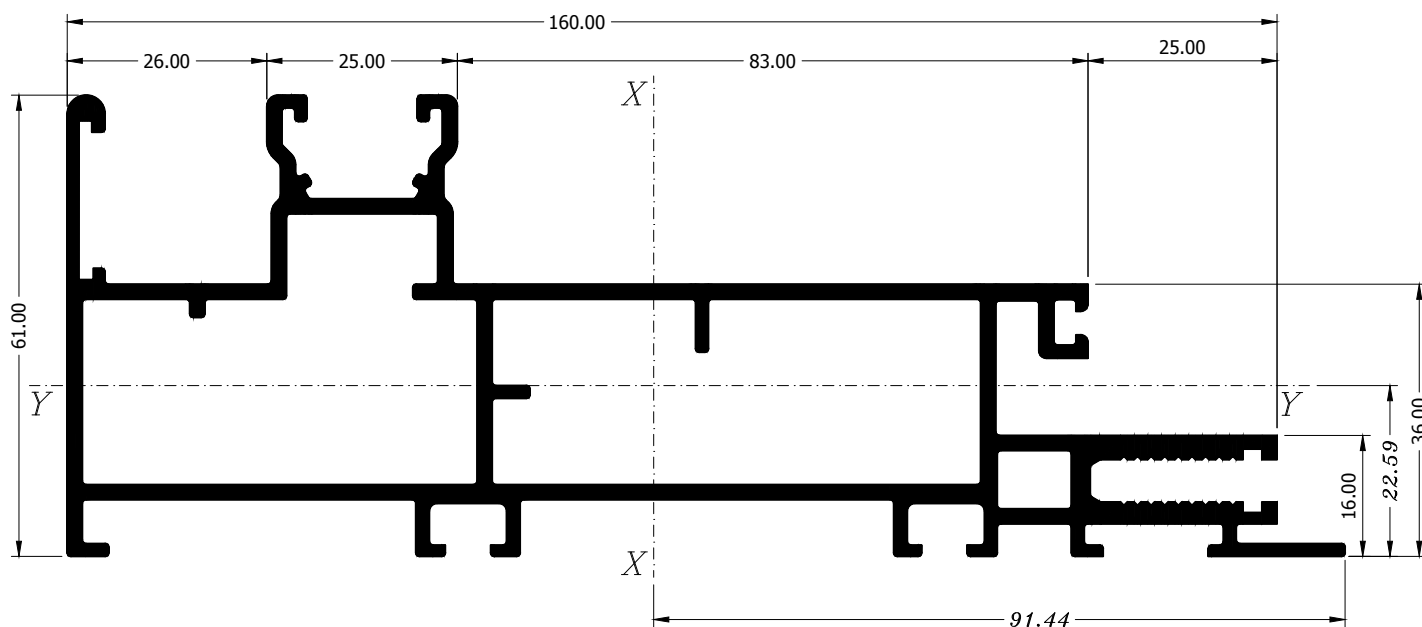
2 120 9580
0.278 Kg./ml.



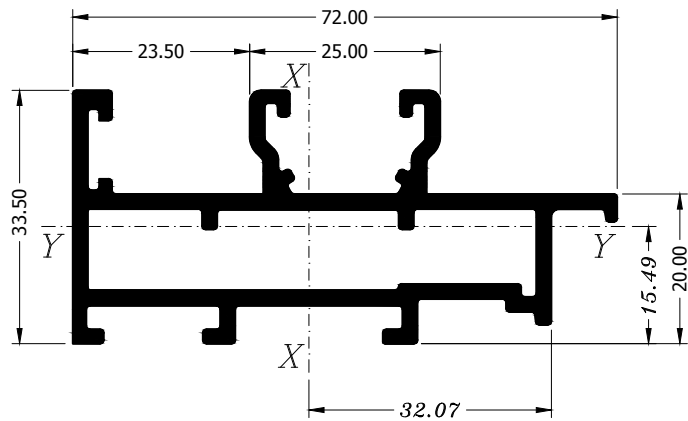
2 120 9830
0.309 Kg./ml.



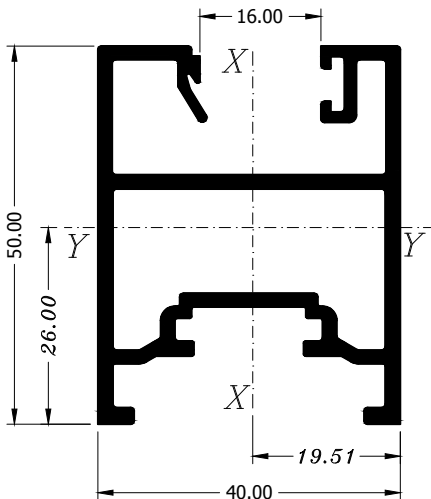
2 122 3300
2.736 Kg./ml.



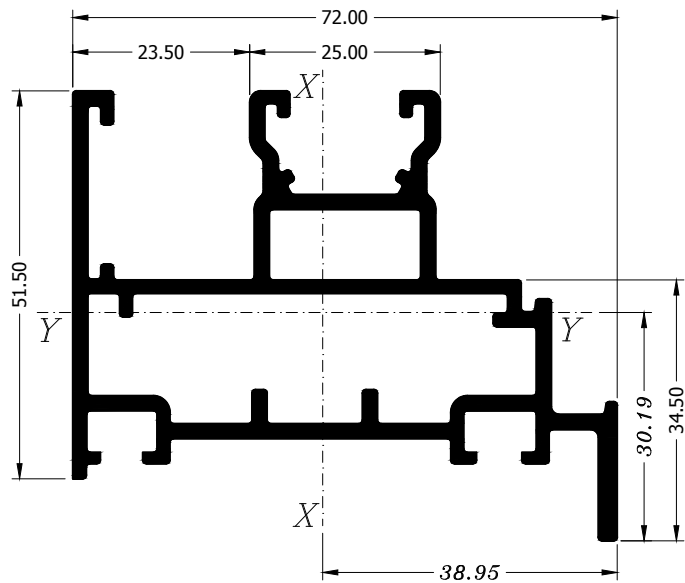
2 122 3500
3.097 Kg./ml.



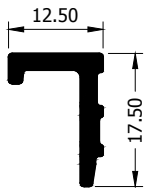
2 122 2200
1.216 Kg./ml.



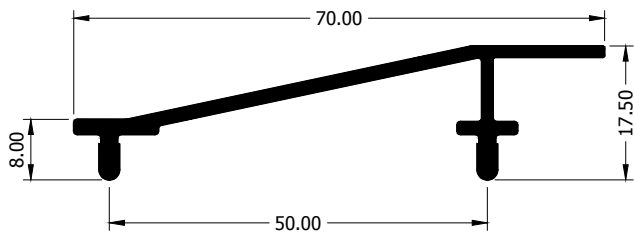
2 120 4560
1.216 Kg./ml.



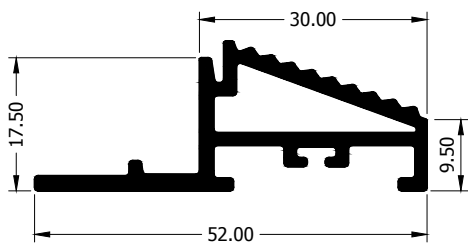
2 122 2400
1.666 Kg./ml.



2 122 9310
0.173 Kg./ml.



2 122 9330
0.434 Kg./ml.



2 122 9320
0.544 Kg./ml.

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