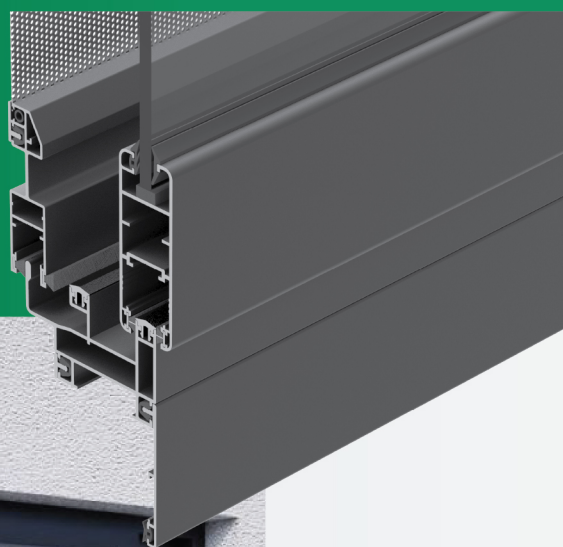




Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

TANGO 60

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.

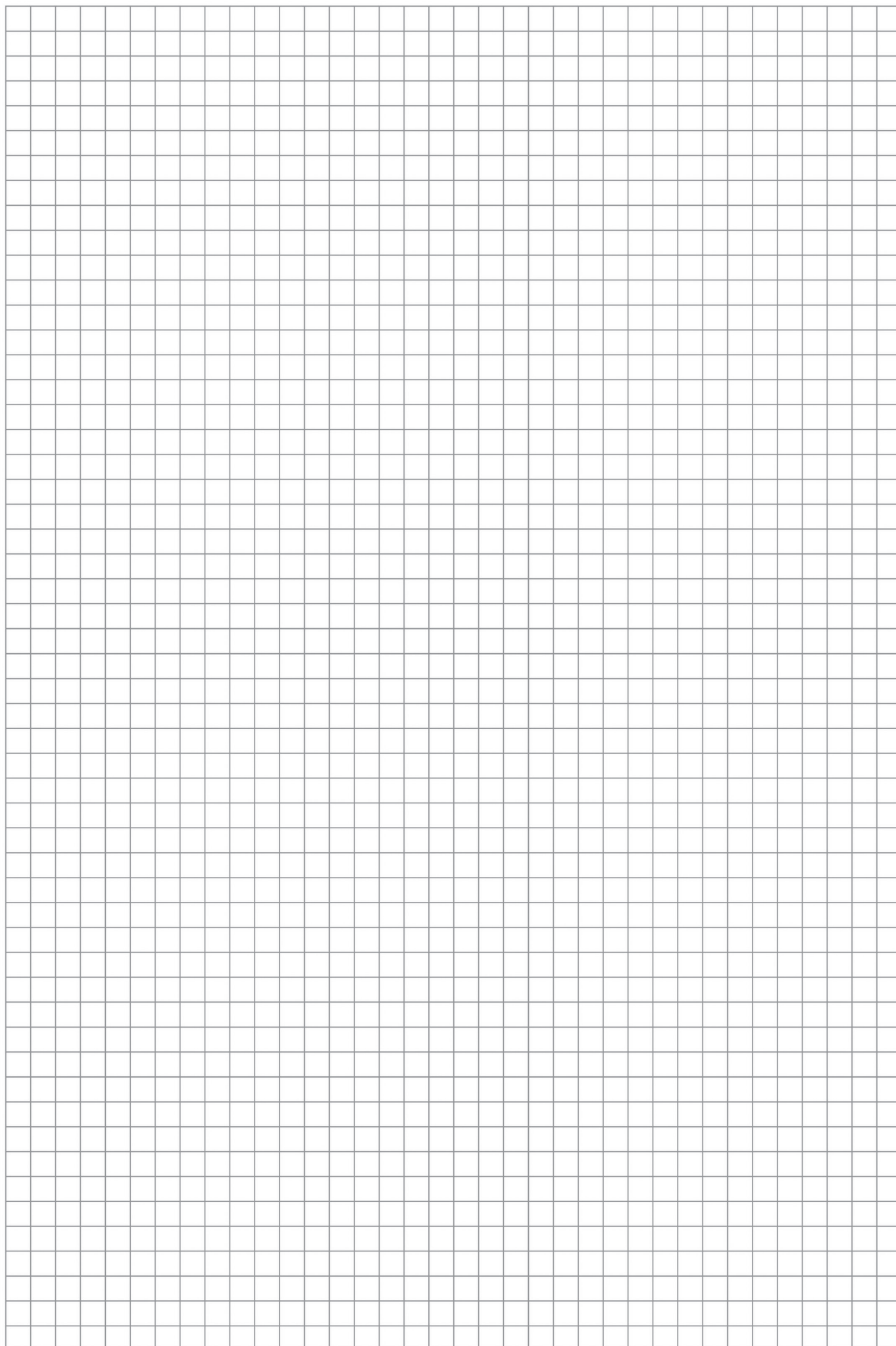
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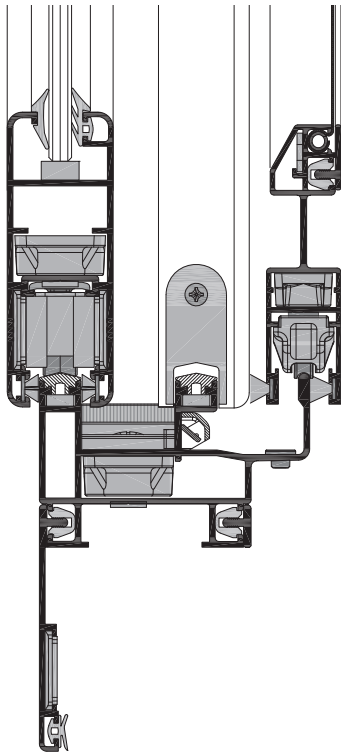
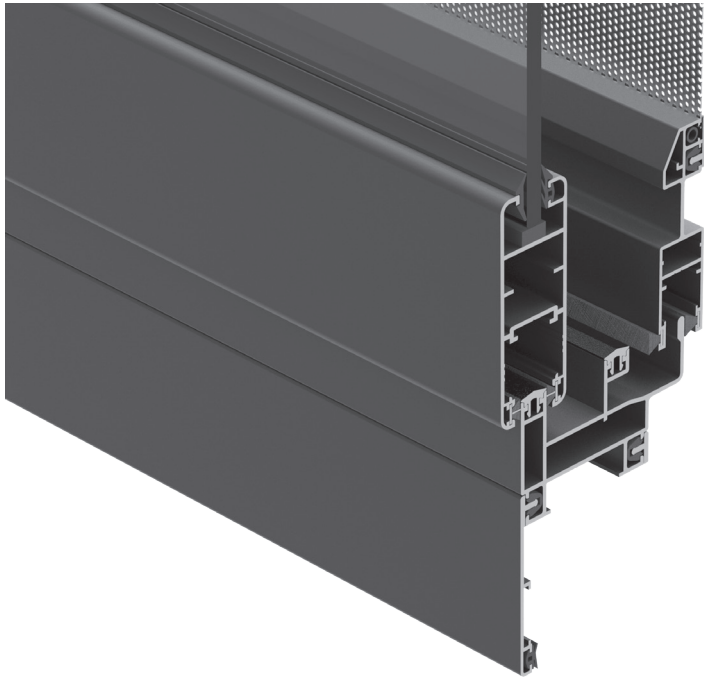
The manufacturer reserves the right to modify the items in this catalog without advanced notice.

TABLE OF CONTENTS

TECHNICAL CHARACTERISTICS.....	5
CERTIFICATE.....	6
PROFILES INDEX.....	7
PROFILES SECTIONS 1:1.....	13







Complies with European norm
hEN 1435-1

Air Permeability	(Class 3) up to 600 pa.
Water Tightness	(Class 5A) up to 200 pa.
Resistance to wind load	(Class C4) up to 1600 pa.

- Wide variety of sashes in shapes and dimensions that matches available frames with functional and soft line design.
- Wide range of locking systems and multi locking points and anti-lift blocks.
- Available in the double or triple track design, structures with up to six leaves.
- Integrated fly screen sash, available inside or outside.
- Most of the accessories can be adjusted and fixed with set screws.

Technical Characteristics

Frame Depth

48 mm. to 147 mm.

Frame Height

46 mm. to 100 mm.

Sash Depth

28 mm.

Sash Height

67 mm. to 78 mm.

Max Glass Thickness

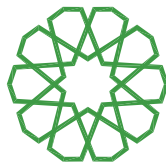
Up to 20 mm.

Max Sash Weight

Up to 120 kg.

Sealing Type

Perimetrical, with two rows of high-density brushes



EUROPEAN CERTIFYING ORGANIZATION S.P.A.
NOTIFIED TESTING LABORATORY N. 0714
FOR REGULATION (EU) No 305/2011
CLASSIFICATION ASSESSMENT
N. 0714-CPR-1302 DATED NOVEMBER, 30 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 window, two sashes.

Model: TANGO 60

Width= 1,860 mm, Height = 1,460 mm, Thickness = 28 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 CP0025/5, dated November 30, 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 5A
RESISTANCE TO WIND LOAD:	CLASS C4

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, November 30, 2015

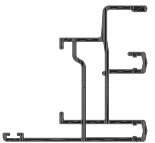
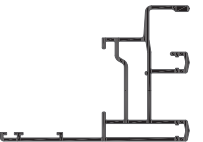
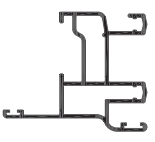
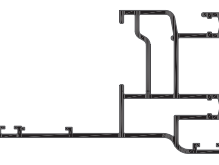
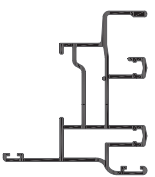
The undersigned ECO Certificazioni S.p.A. Scheme Manager CPR

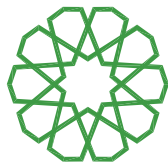
Eng. Gianluca Camporossi

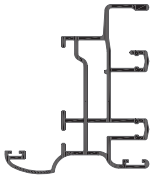
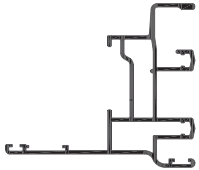
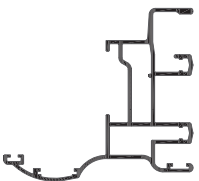
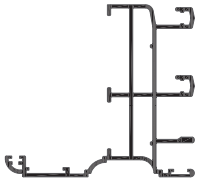
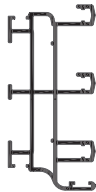
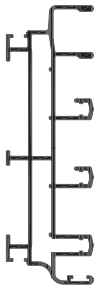


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E-mail: info@eco-cert.it • www.eco-certificazioni.eu

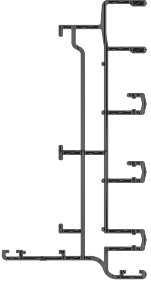
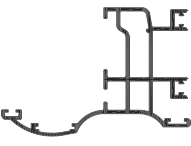
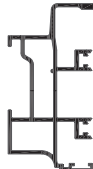


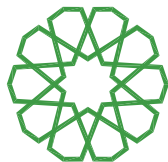
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	2 060 1320	Frame Profile	1.229	412	18.24	8.16	13
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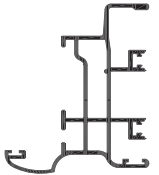
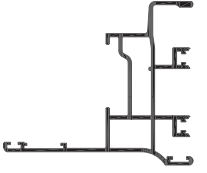
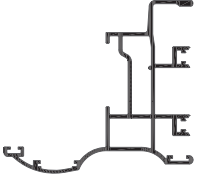
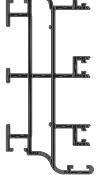


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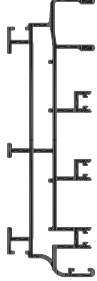
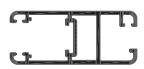
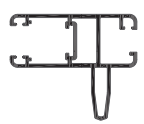
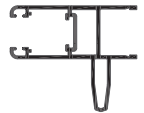
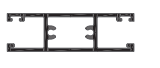


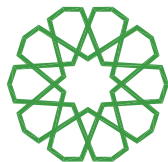
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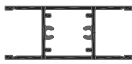


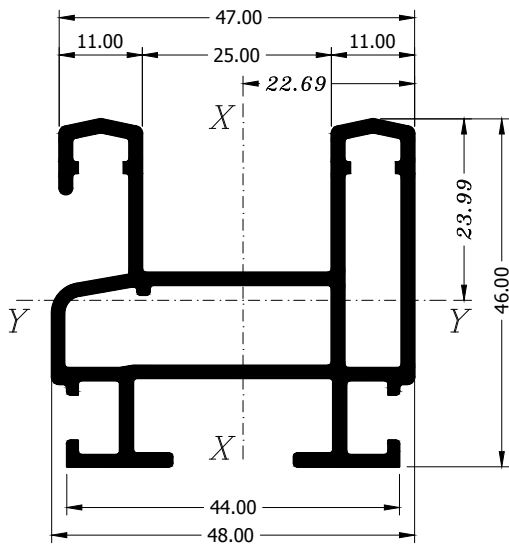
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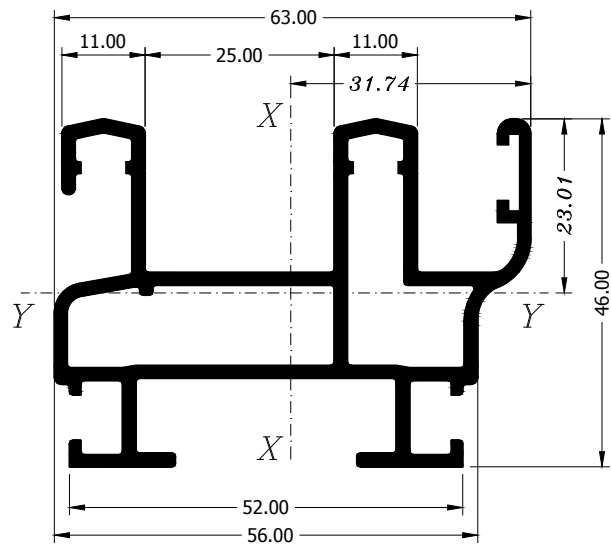
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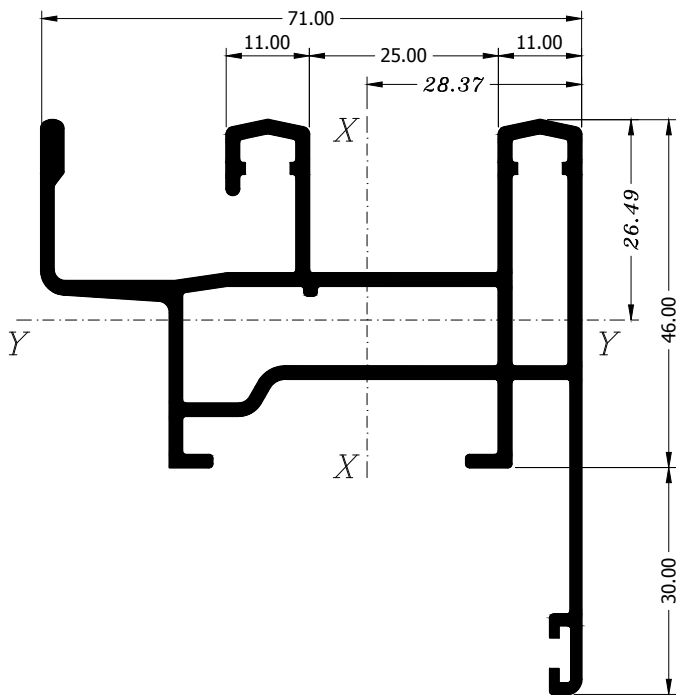
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	2 060 9620	Insert Profile	0.252	61	0.20	0.31	25
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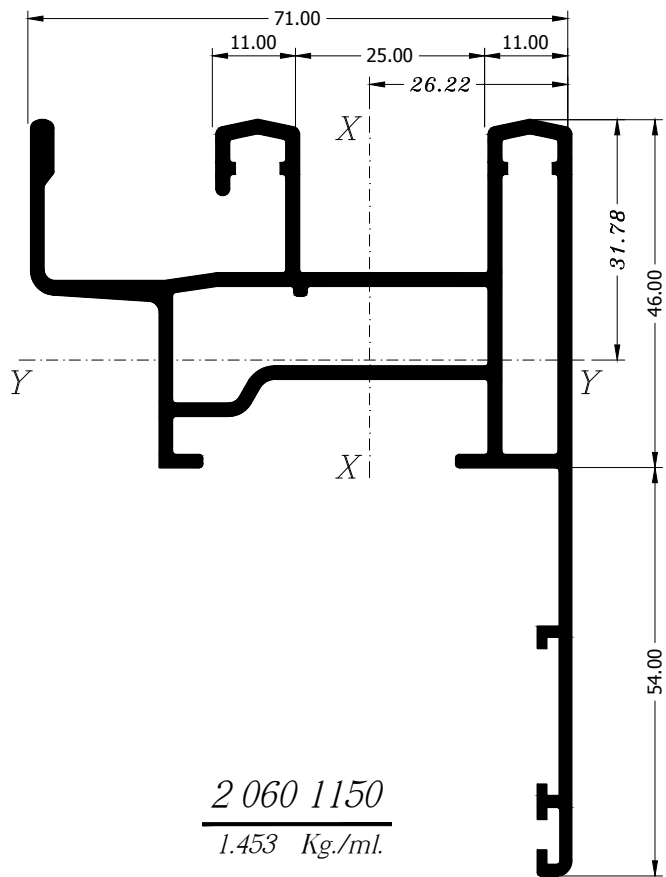
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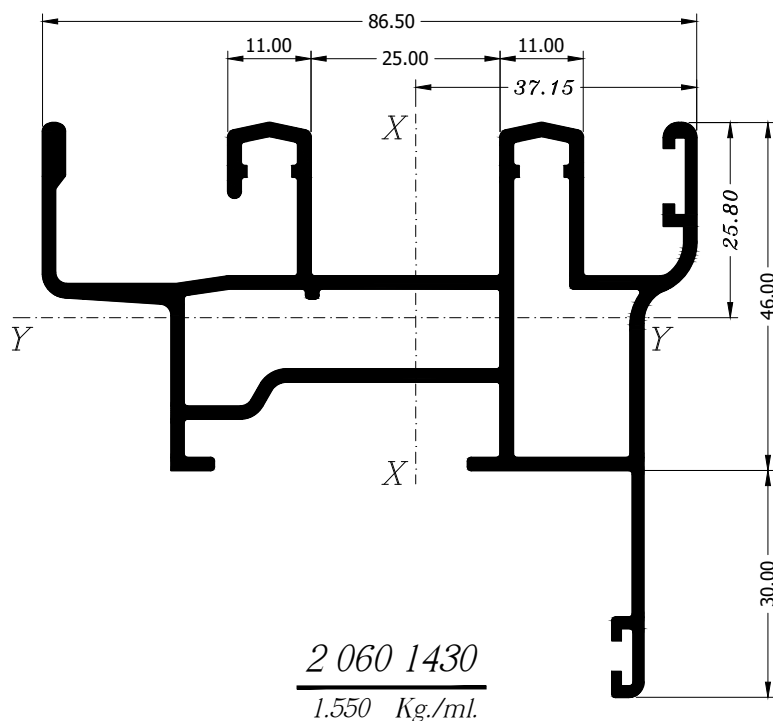
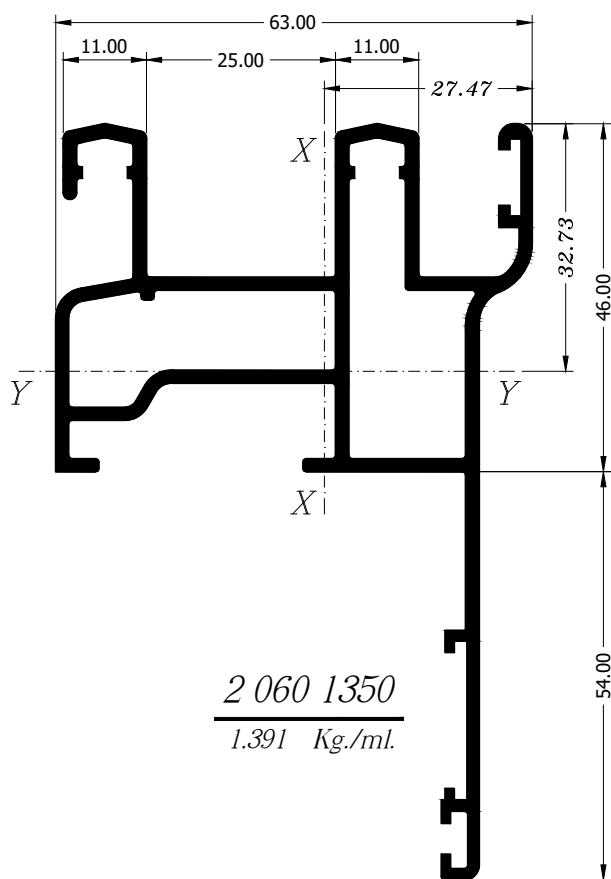
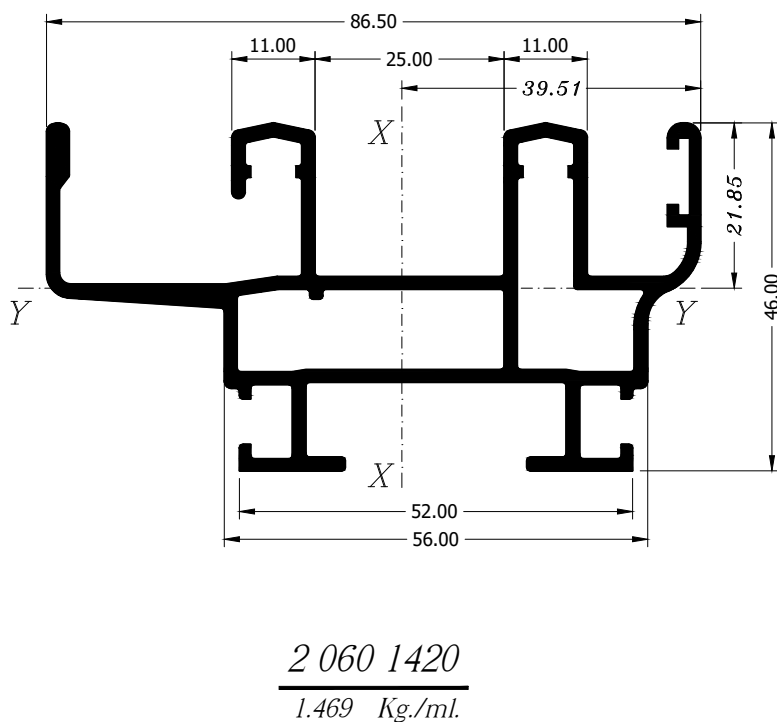
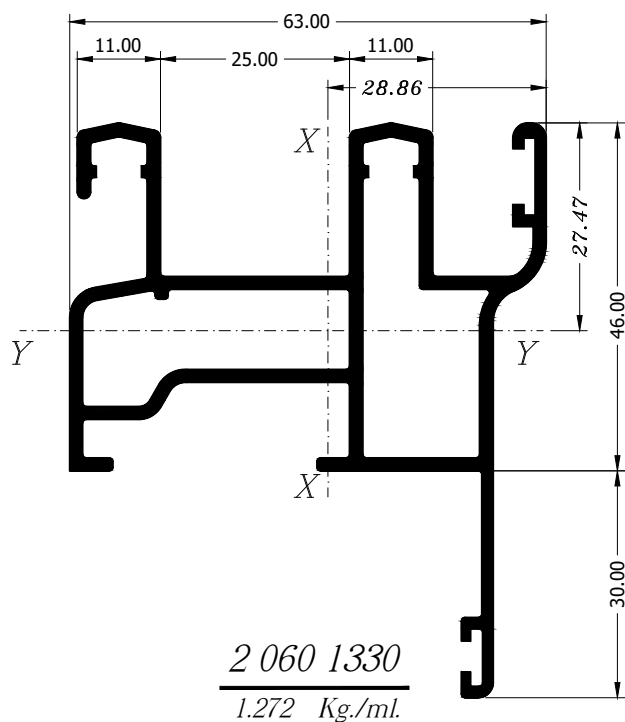
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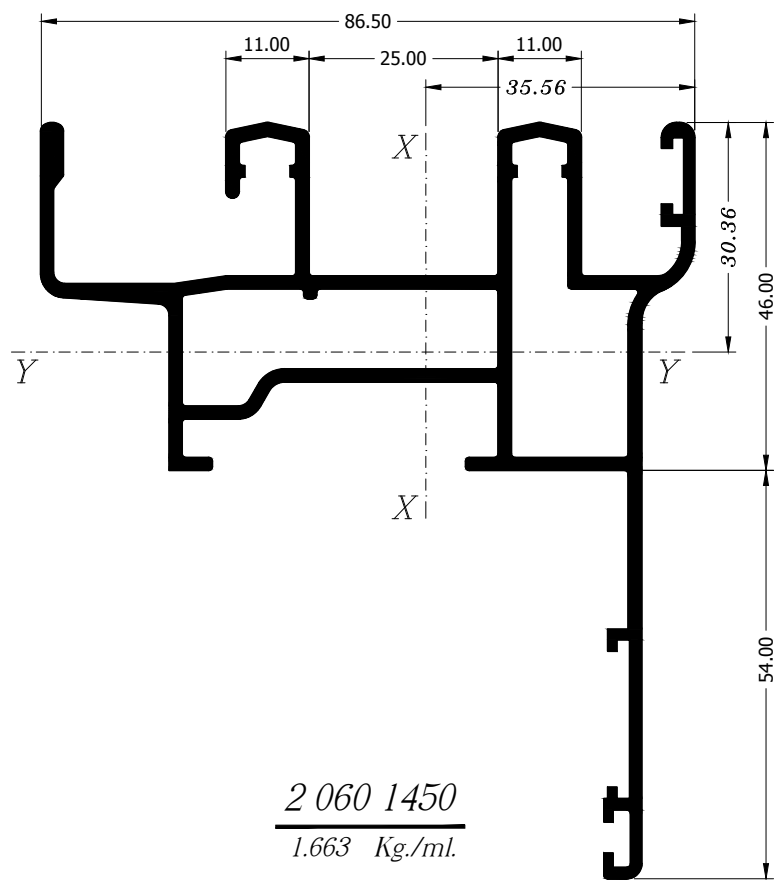
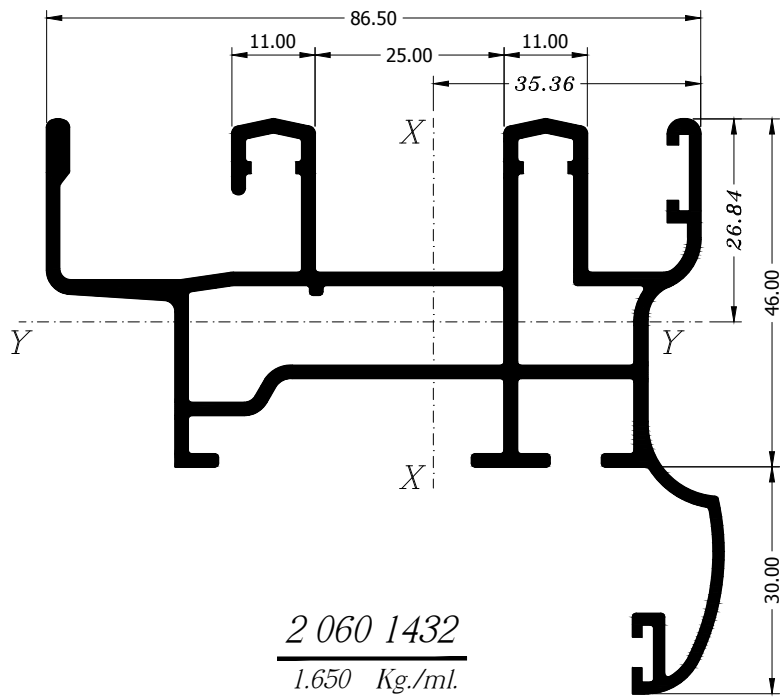


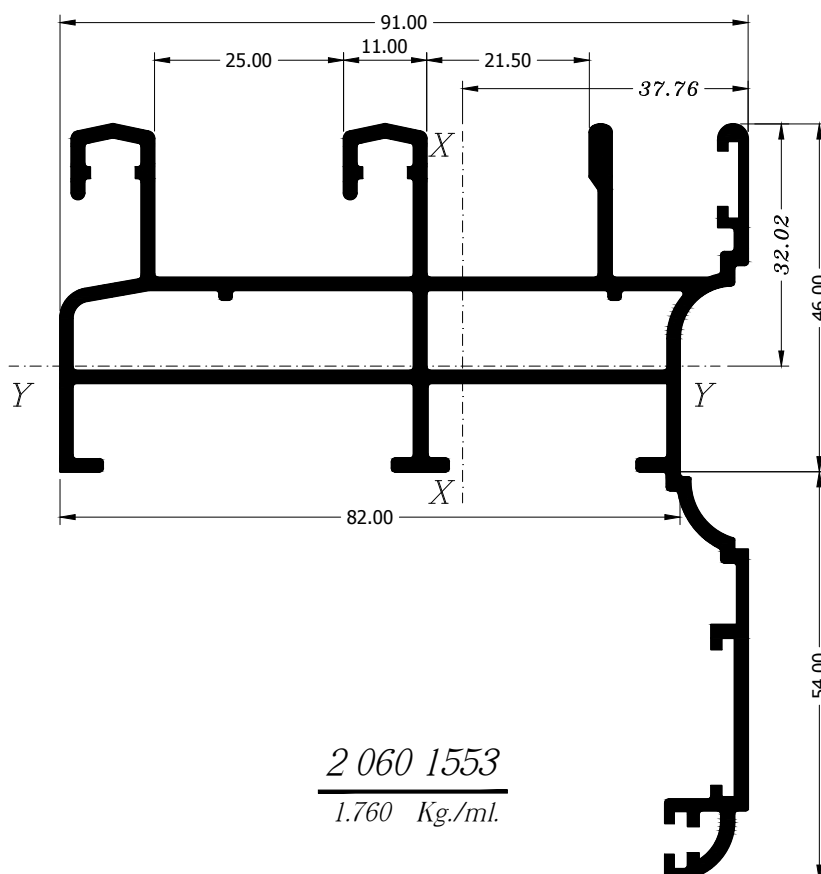
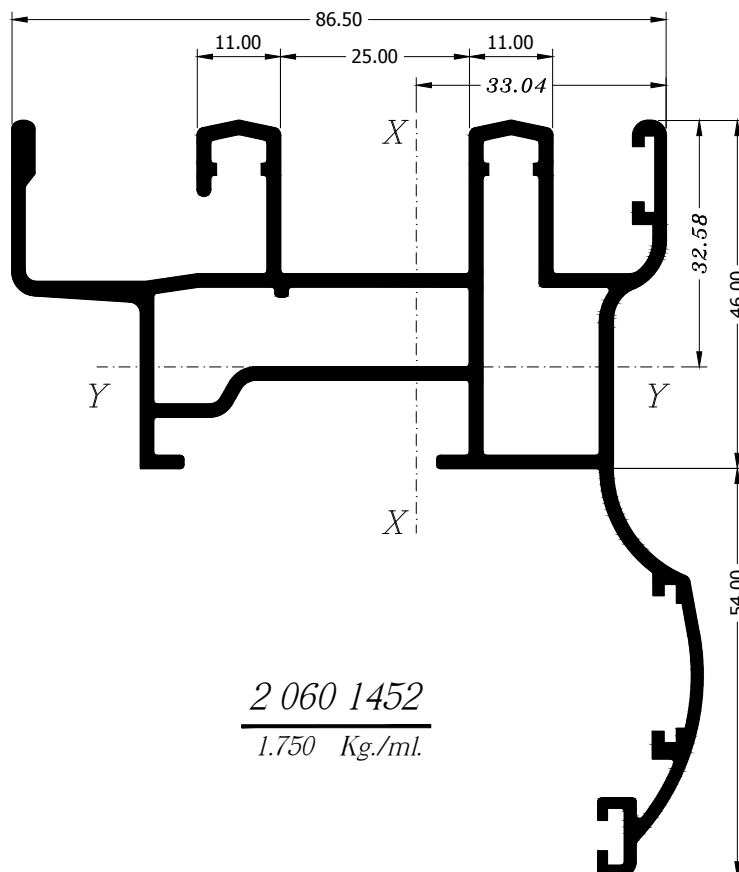
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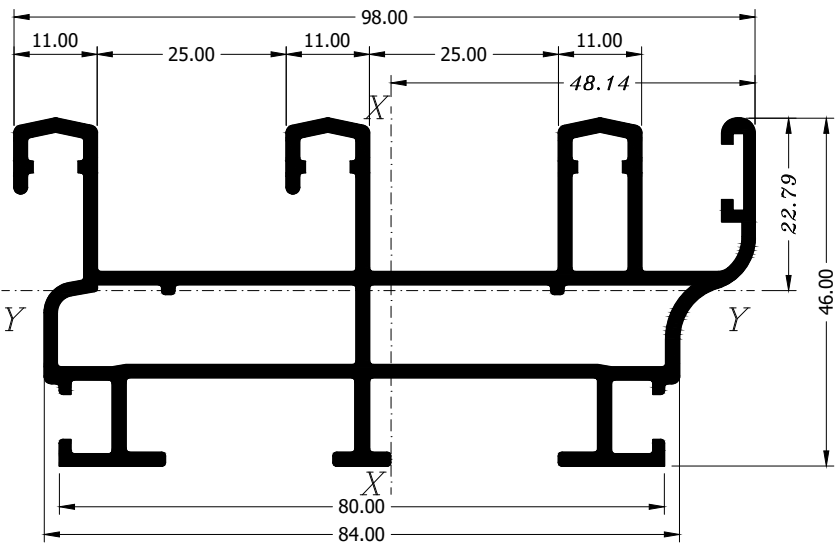




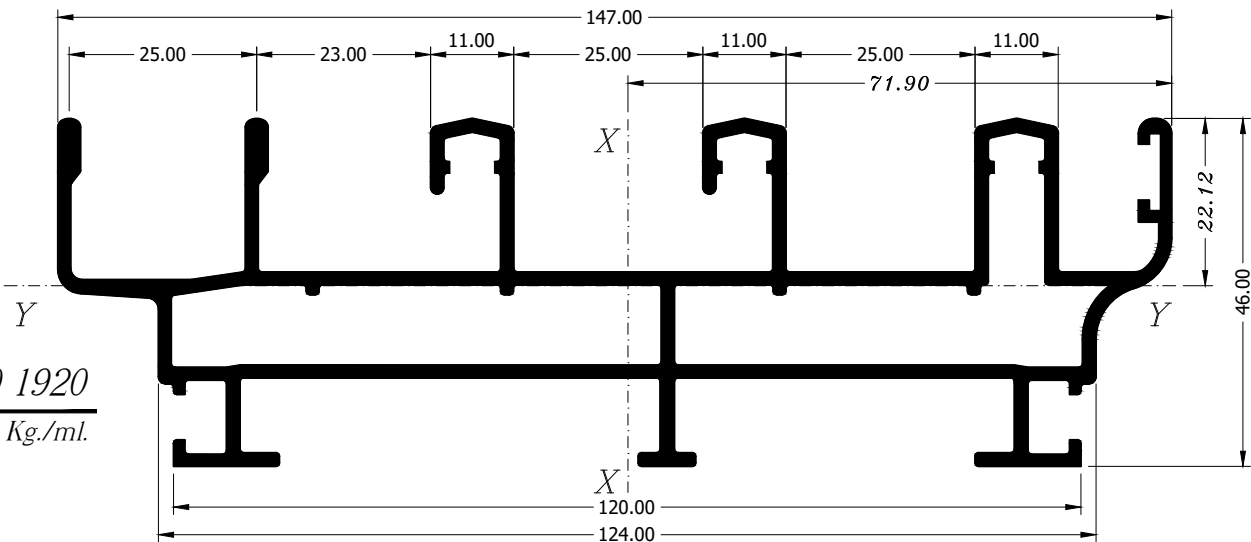




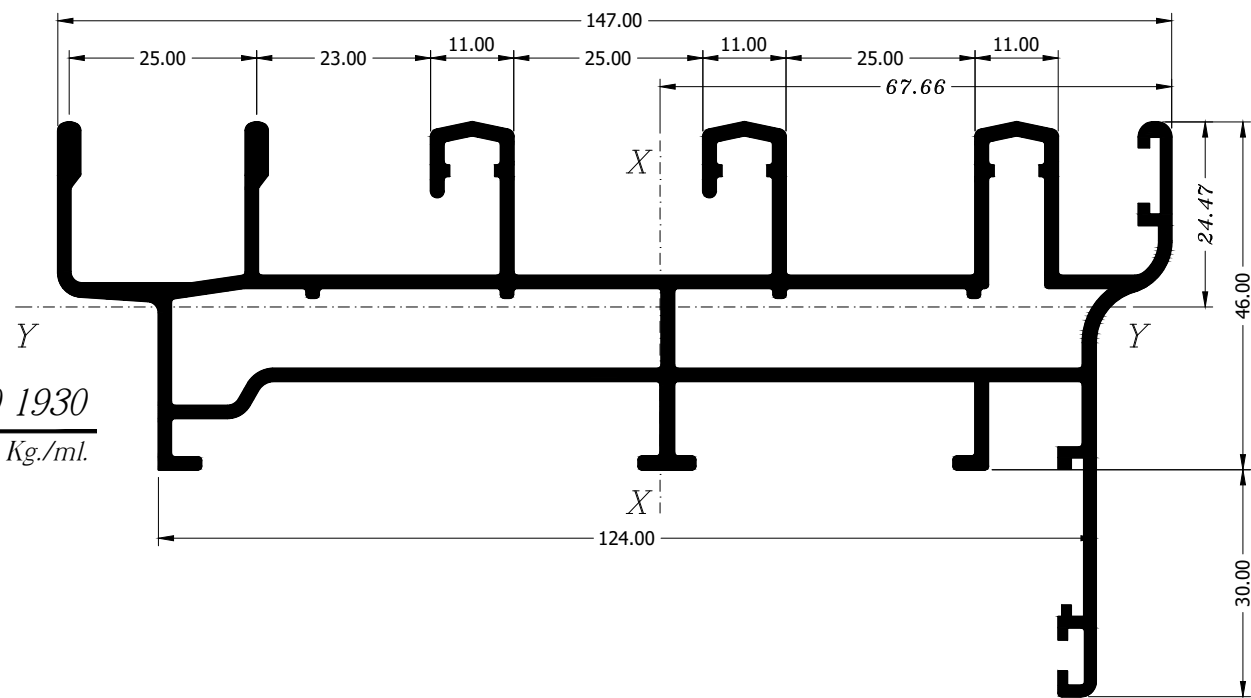
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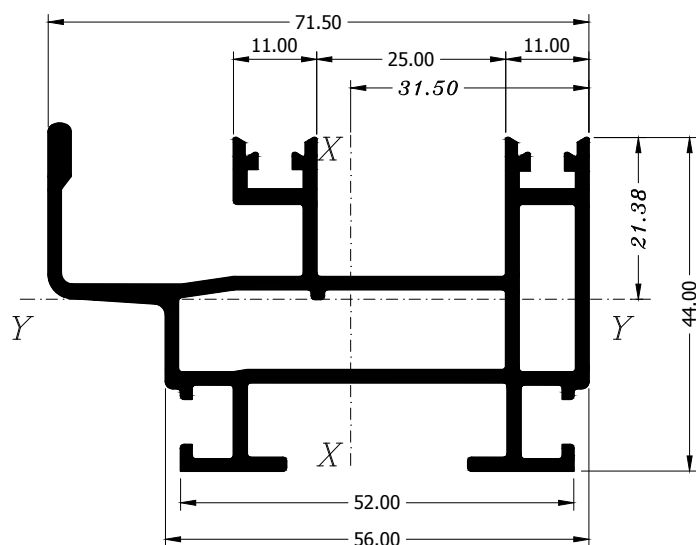


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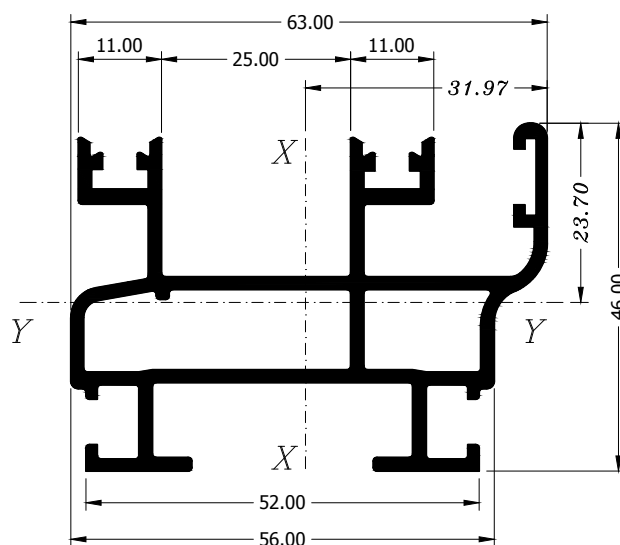


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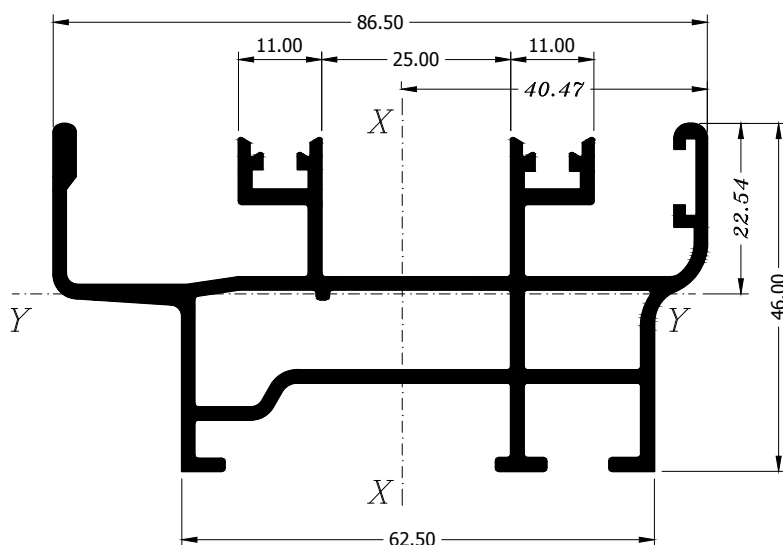




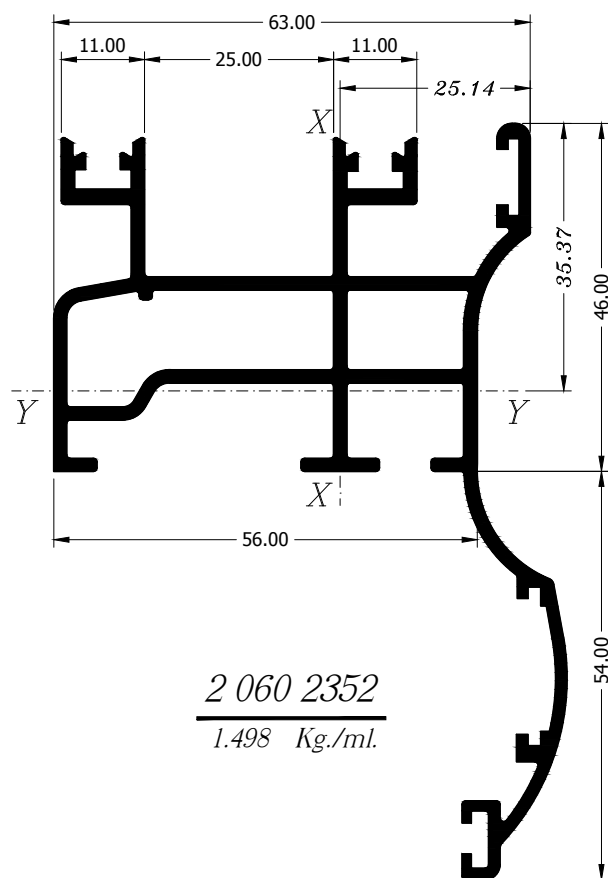
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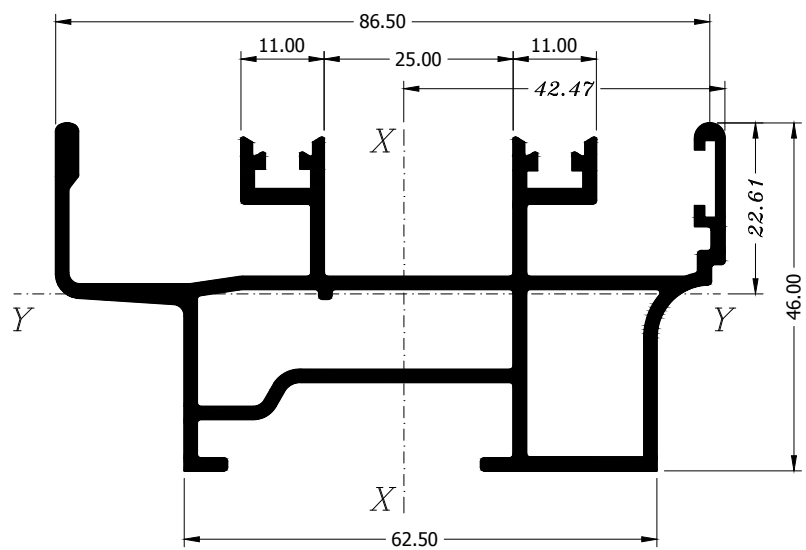
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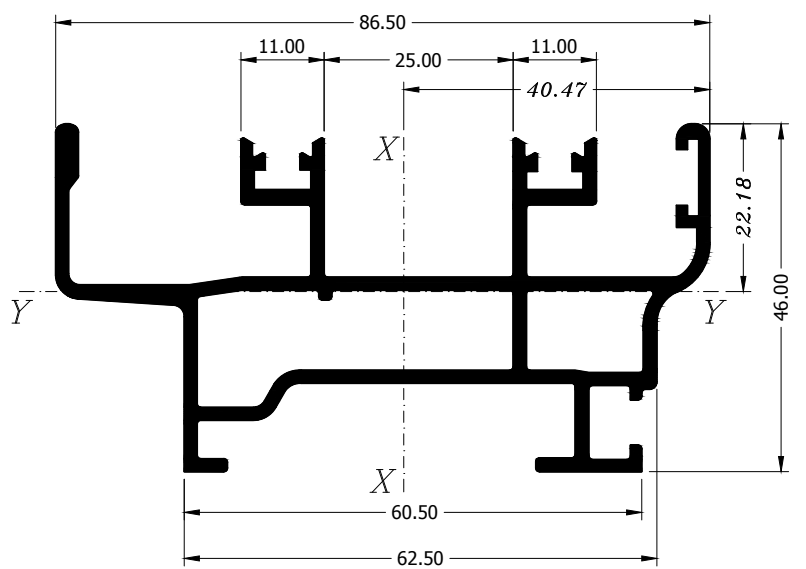
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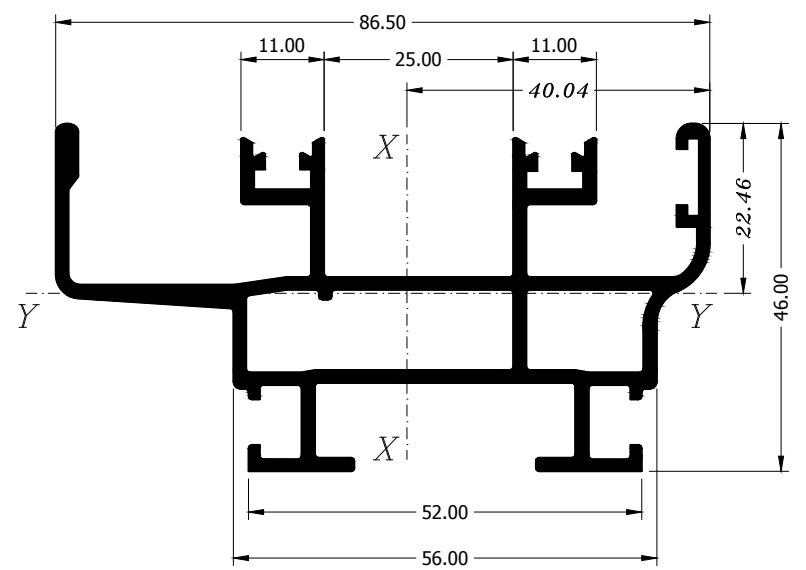
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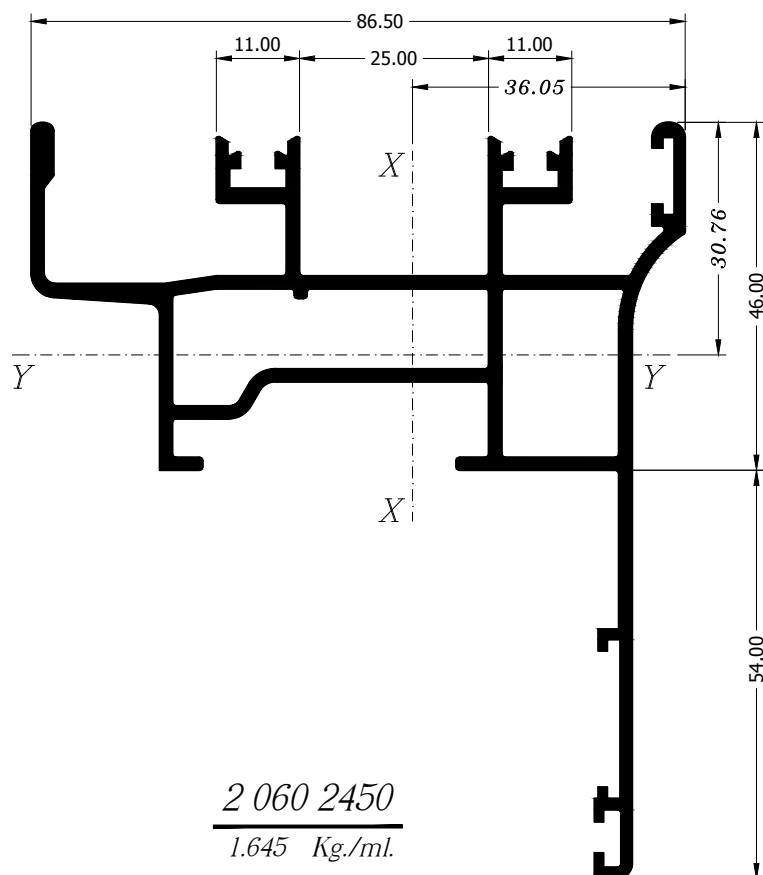
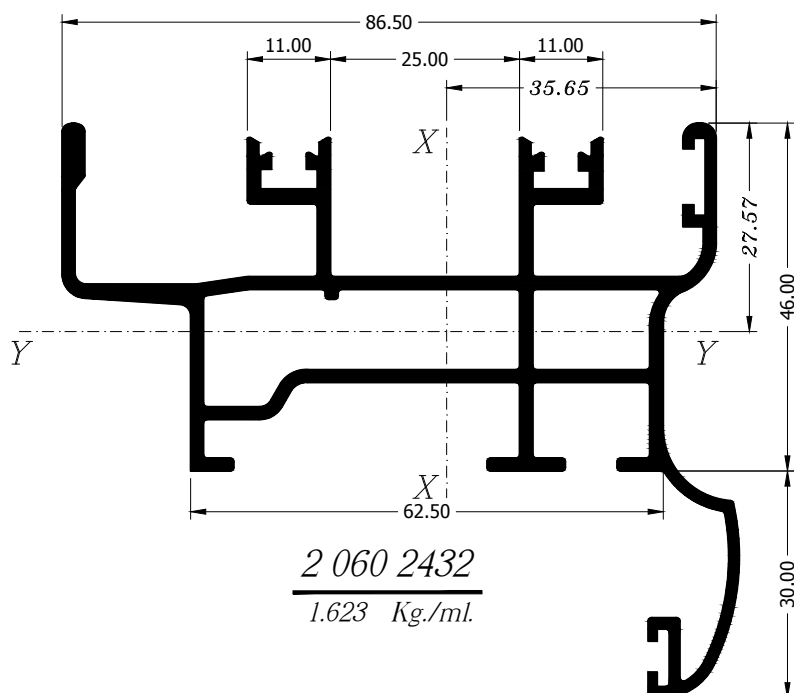
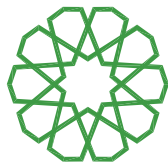


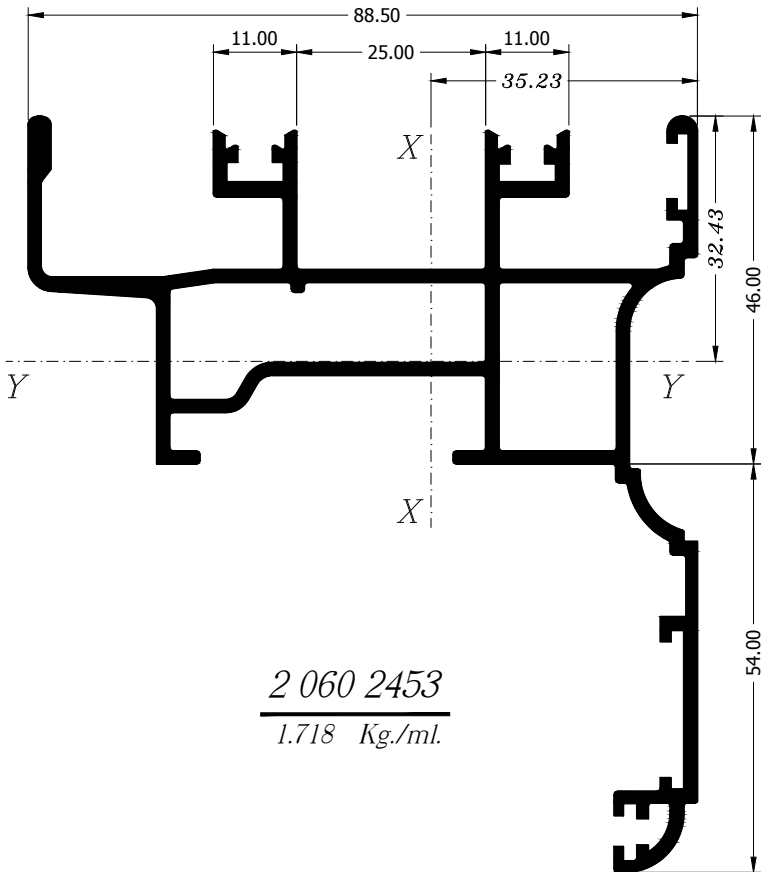
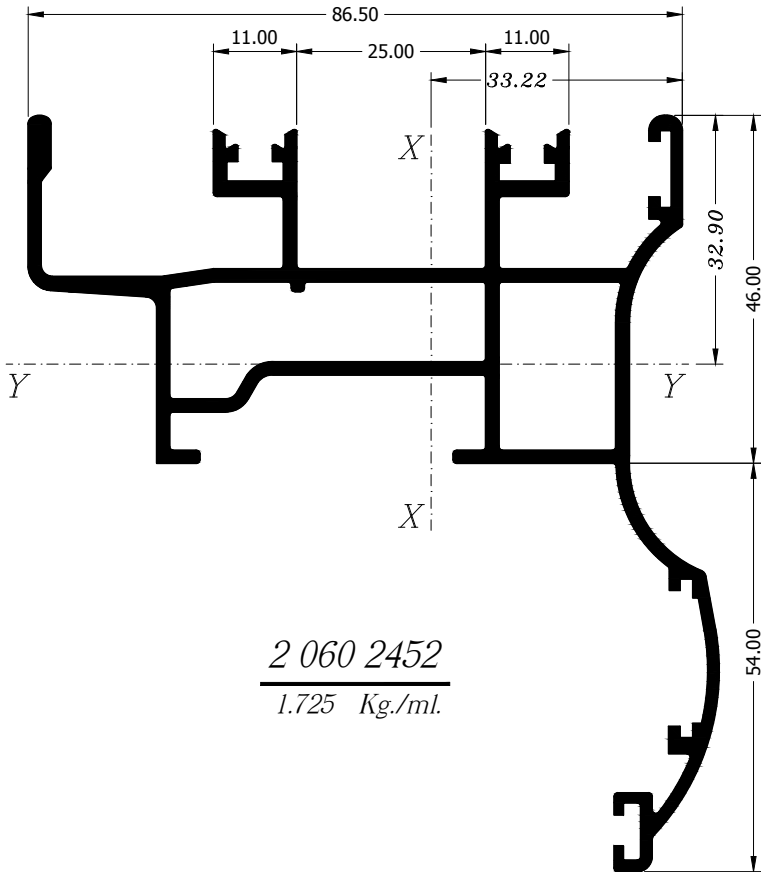
2 060 2410
1.394 Kg./ml.



2 060 2420
1.422 Kg./ml.

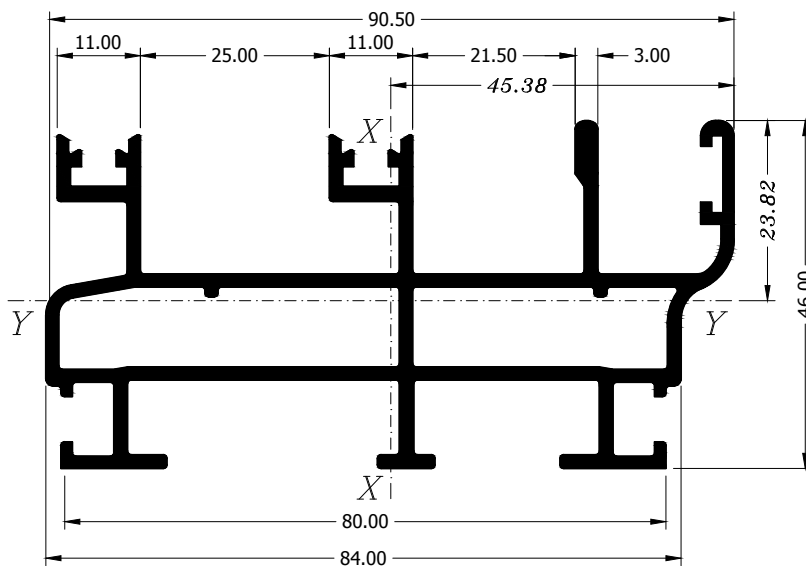




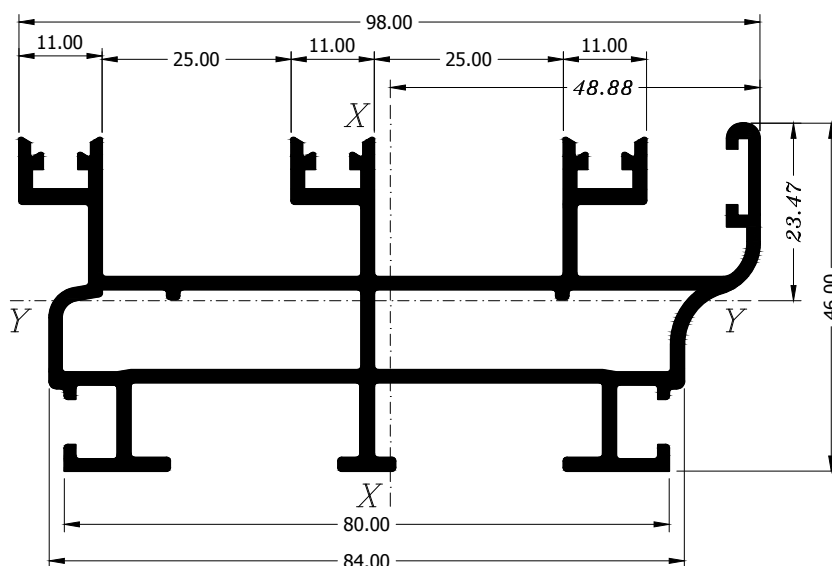




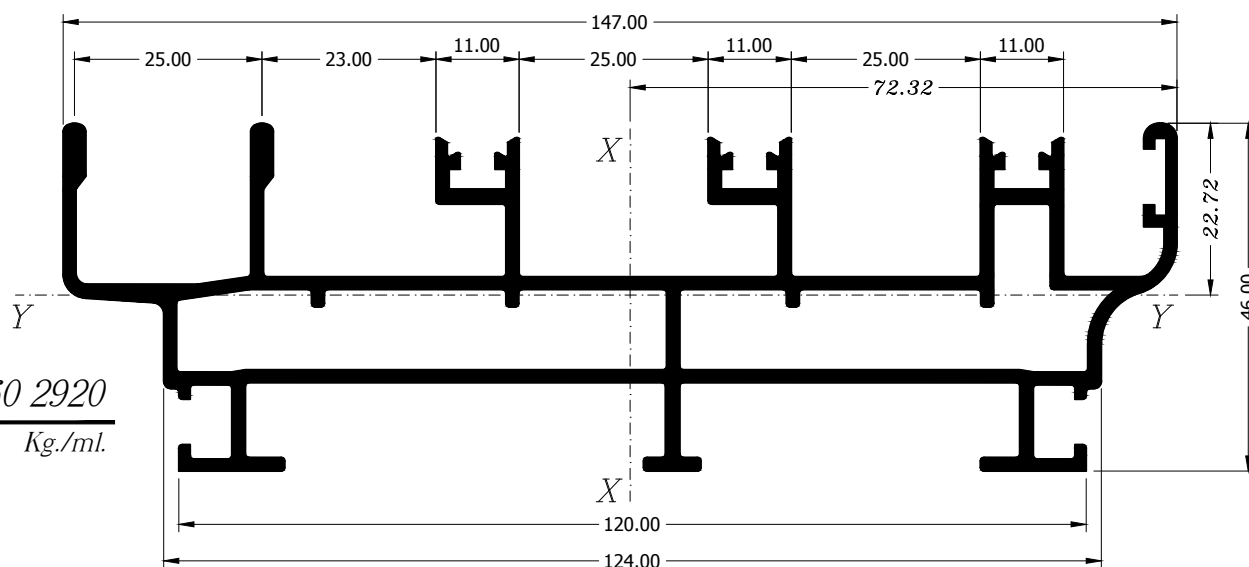
2 060 2520
1.570 Kg./ml.

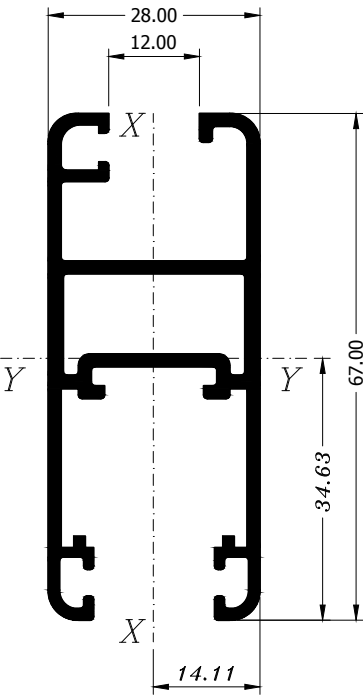


2 060 2820
1.683 Kg./ml.

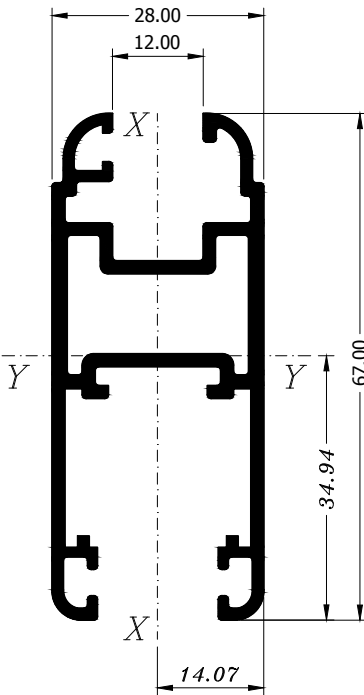


2 060 2920
2.320 Kg./ml.

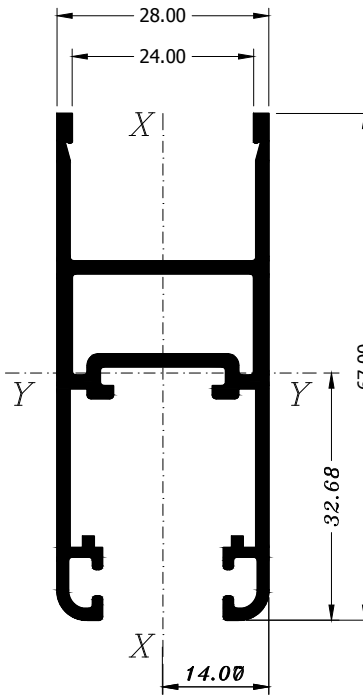




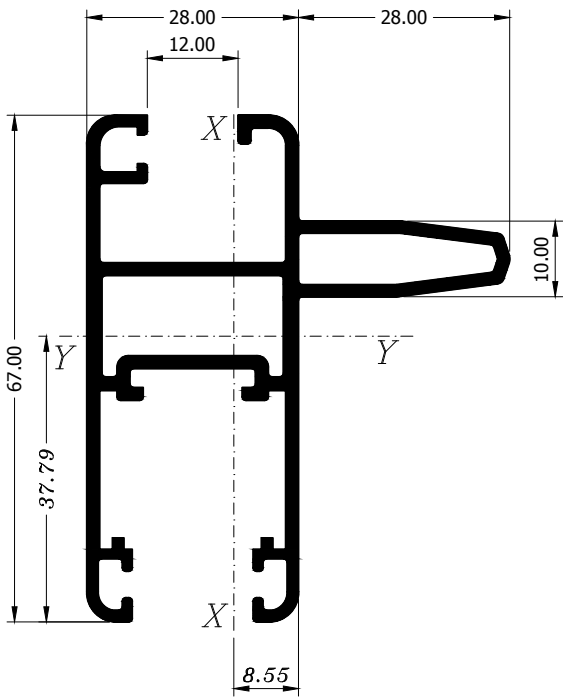
2 060 4110
0.942 Kg./ml.



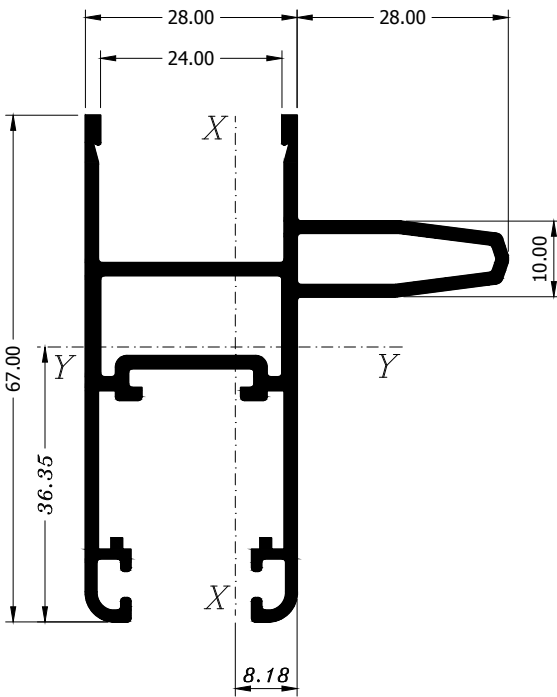
2 060 4113
0.965 Kg./ml.



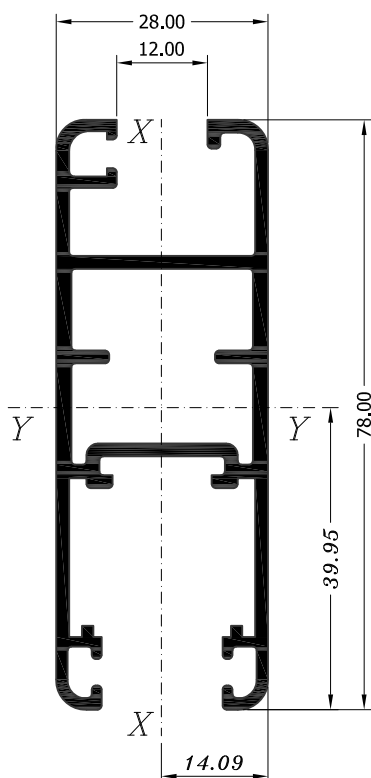
2 060 4220
0.883 Kg./ml.



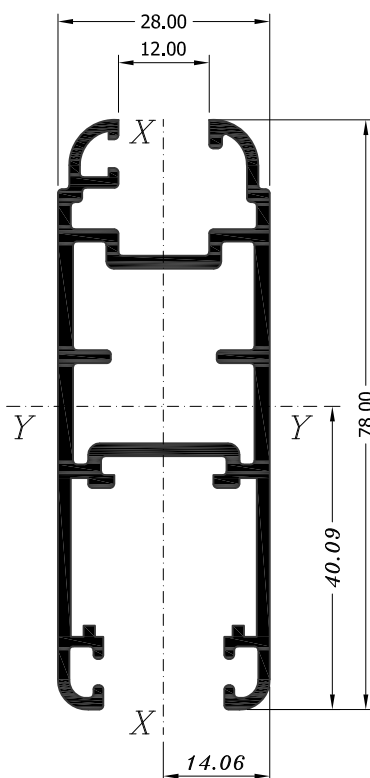
2 060 4310
1.169 Kg./ml.



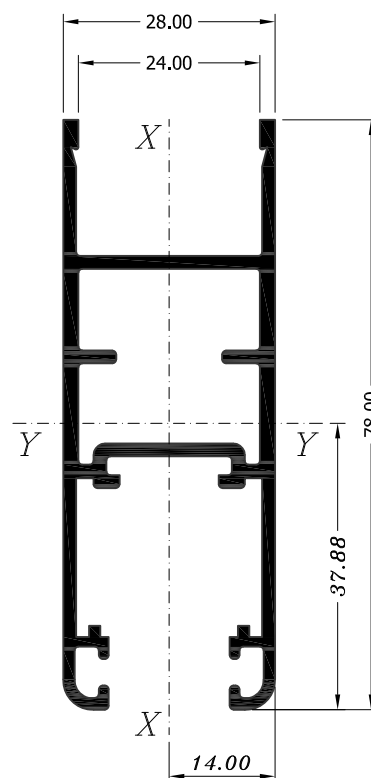
2 060 4420
1.107 Kg./ml.



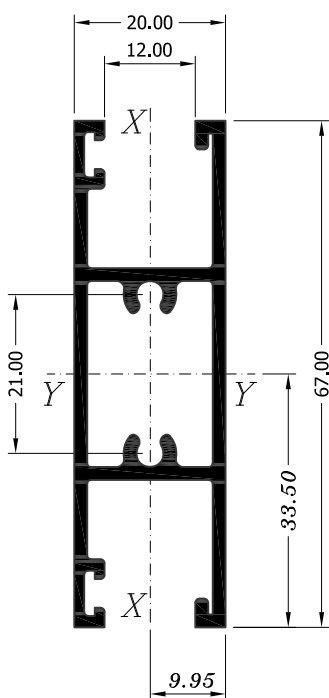
2 060 4510
1.060 Kg./ml.



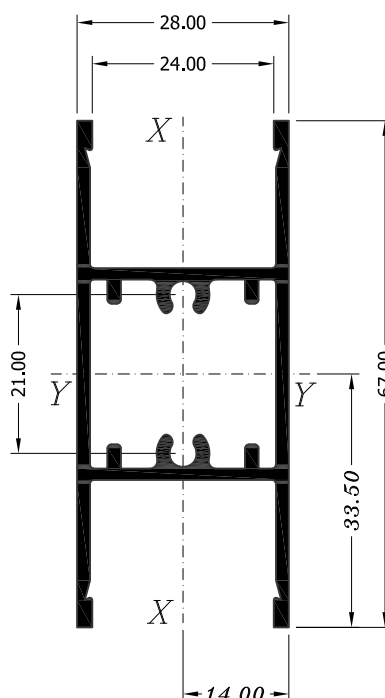
2 060 4613
1.048 Kg./ml.



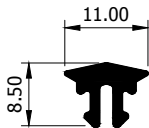
2 060 4620
1.000 Kg./ml.



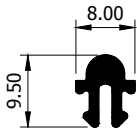
2 060 5110
0.813 Kg./ml.



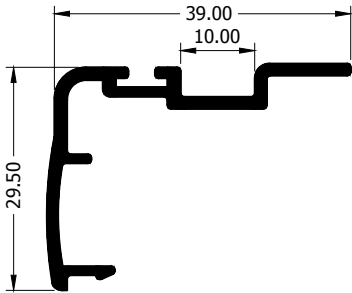
2 060 5220
0.861 Kg./ml.



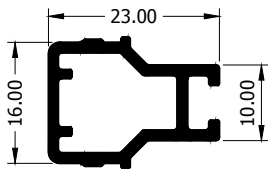
2 060 9210
0.102 Kg./ml.



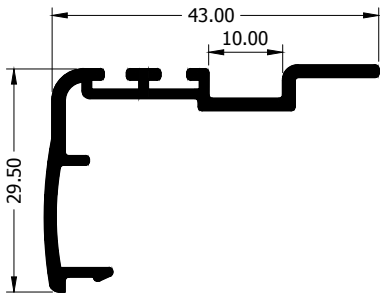
2 060 9220
0.088 Kg./ml.



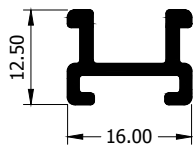
2 060 9510
0.316 Kg./ml.



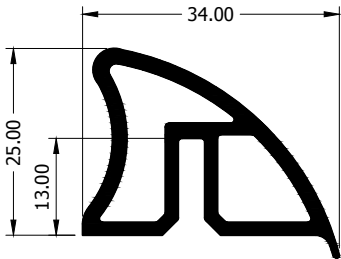
2 060 9620
0.252 Kg./ml.



2 060 9520
0.358 Kg./ml.



2 060 9910
0.164 Kg./ml.



2 060 9710
0.531 Kg./ml.

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