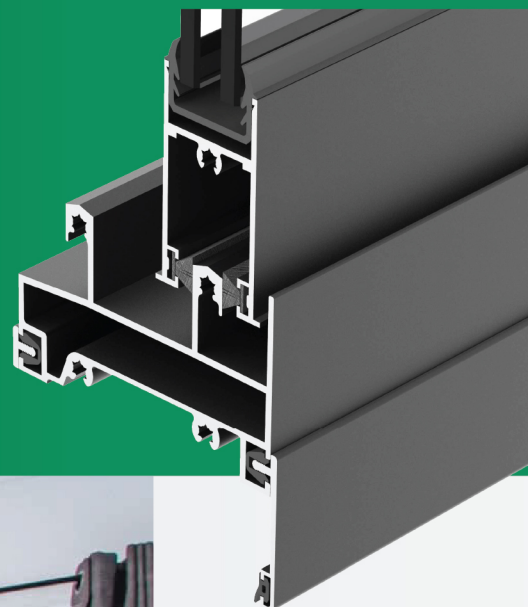




**Machines & Aluminium Center**  
مركز ماكينات ومستلزمات الألومنيوم

# CLASSIC 80

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.



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The profiles shown in this catalogue are patented. .

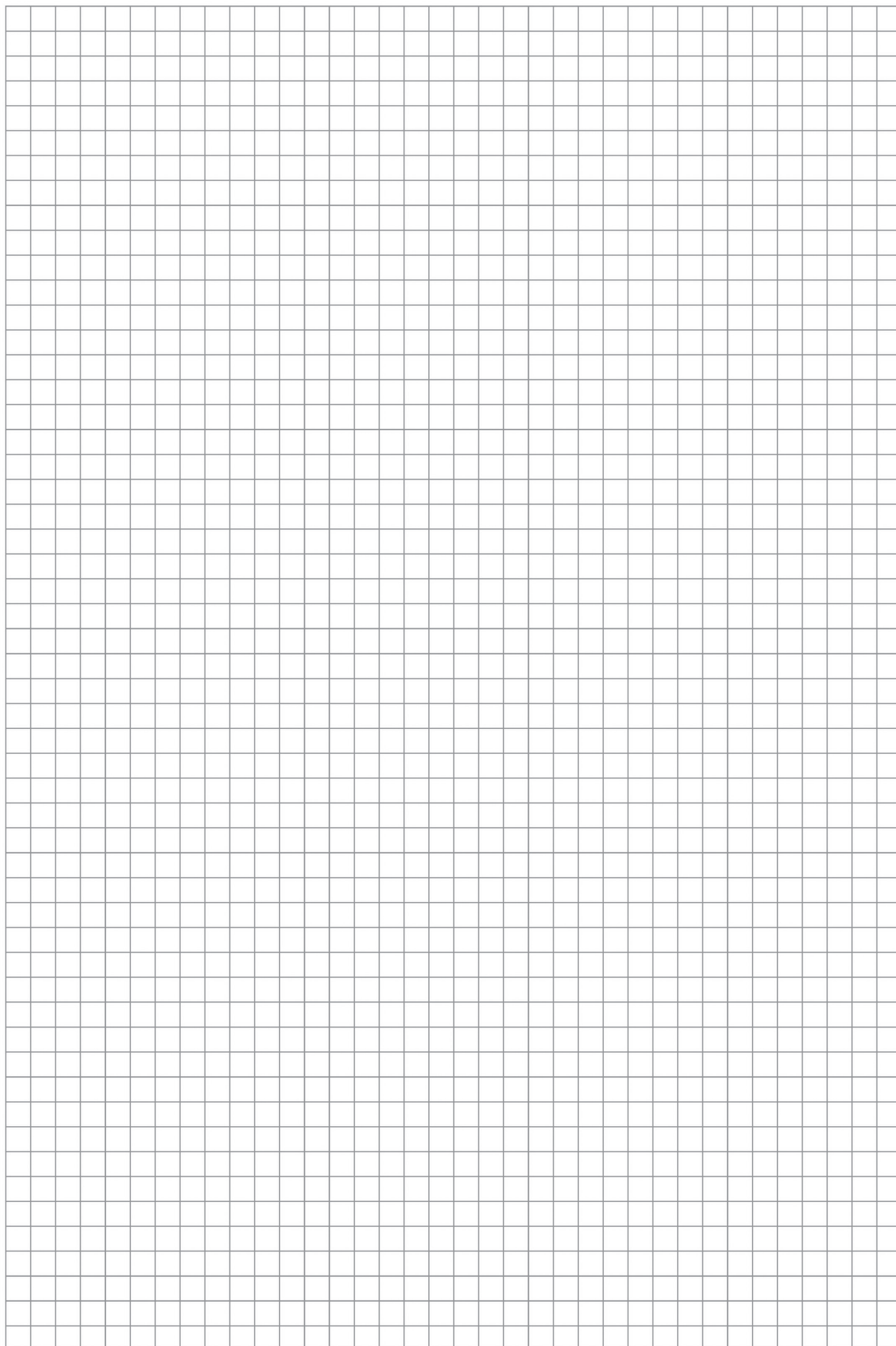
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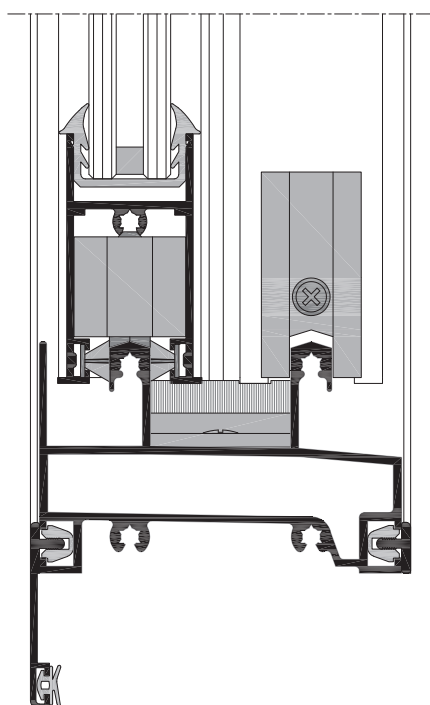
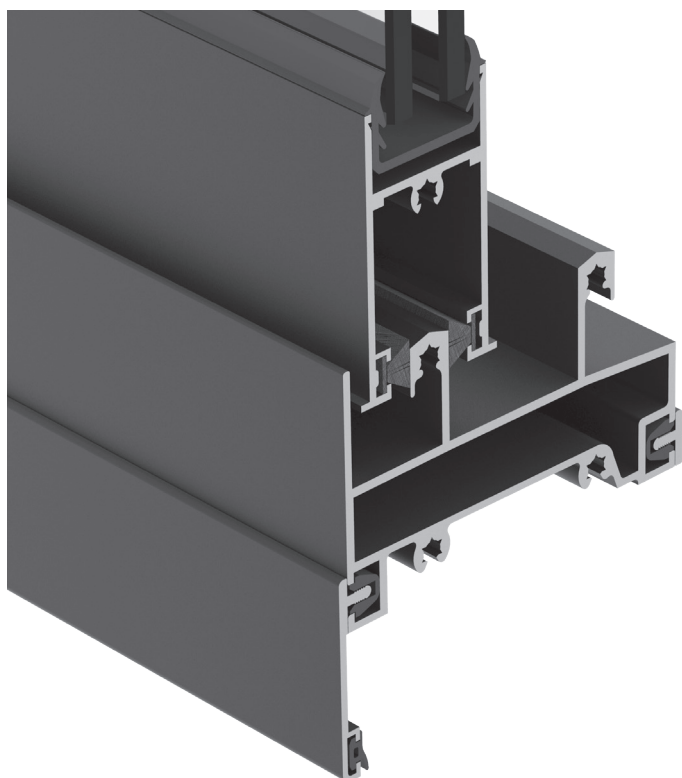
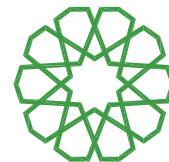
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- Classic sliding window or sliding door with slim frame design.
- Used for doors and windows with moderate openings and economic residential buildings.
- Frames and sashes are cutting and assembled on 90 degrees while offering 45 degrees cutting trims.
- Allows the fabrication, production and easy assembly of windows and doors in less time.
- Available in the double or triple track design, structures with up to six leaves.

## Technical Characteristics

### Frame Depth

80 mm. to 124 mm.

### Frame Height

26 mm. to 51 mm.

### Sash Depth

32 mm.

### Sash Height

43 mm. to 61 mm.

### Max Glass Thickness

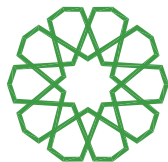
Up to 21 mm.









### Max Sash Weight

Up to 80 kg.

### Sealing Type



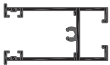
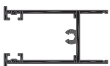




With two rows of high-density brushes



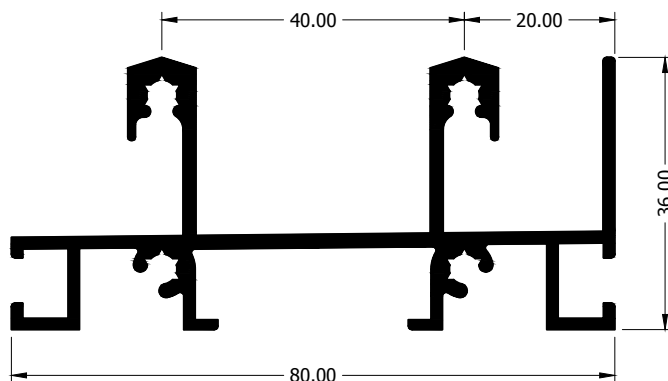
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					I <sub>x</sub>	I <sub>y</sub>	
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	20802420	Frame Profile	1.709	519	14.19	43.63	8
	20802620	Frame Profile	1.864	742	7.41	89.74	8
	20803220	Frame Profile	0.888	421	1.33	25.07	9
	20803420	Frame Profile	0.775	372	0.97	23.47	9
	20803620	Leaf Profile	1.020	464	1.08	67.85	9
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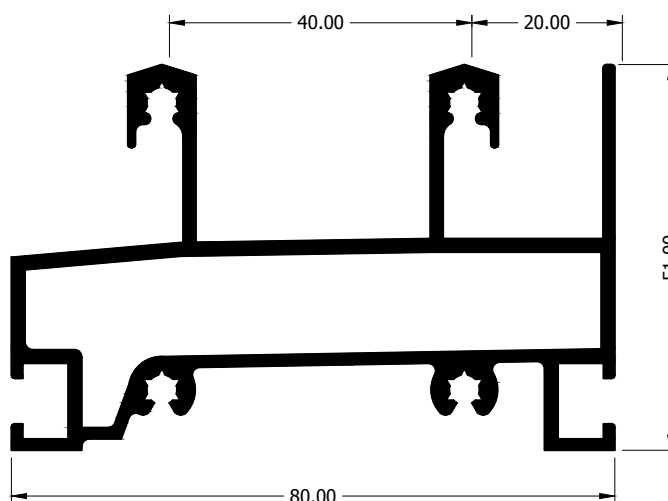


Section	Profile No.	Description	Weight Kg/m	Perimeter mm	Inertia		Page No.
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	20804420	Leaf Profile	0.791	230	6.00	5.04	10
	20804510	Leaf Profile	0.778	375	8.25	3.77	10
	20804620	Leaf Profile	0.713	346	6.69	3.56	10
	20805210	Transom Profile	1.013	317	18.49	4.48	10
	20805220	Transom Profile	0.877	260	12.73	4.06	10
	20809240	Insert Profile	0.156	82	0.00	0.00	9
	20809610	Insert Profile	0.297	127	0.67	0.26	9

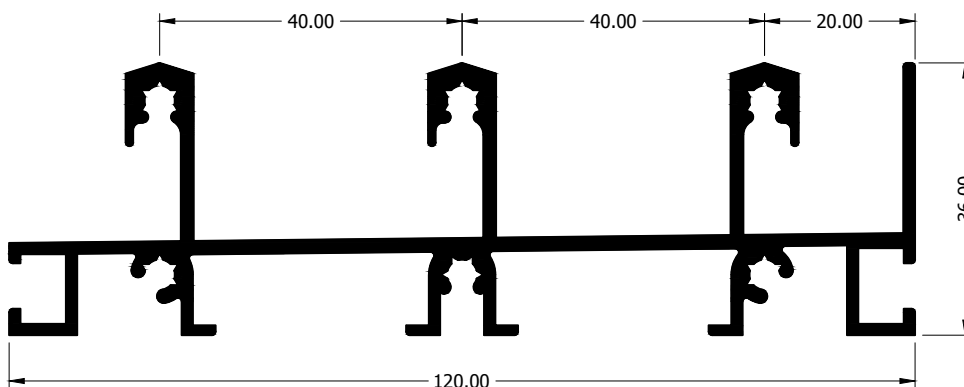




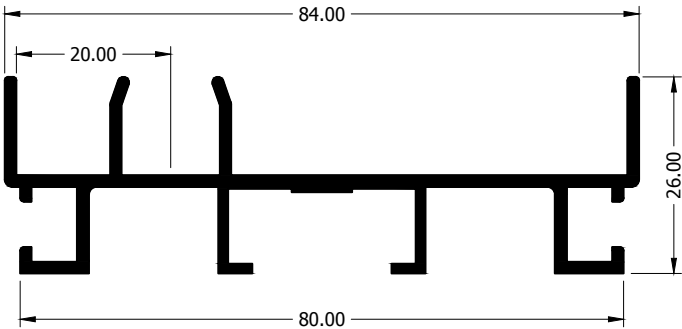
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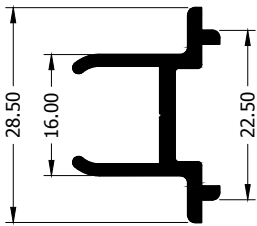
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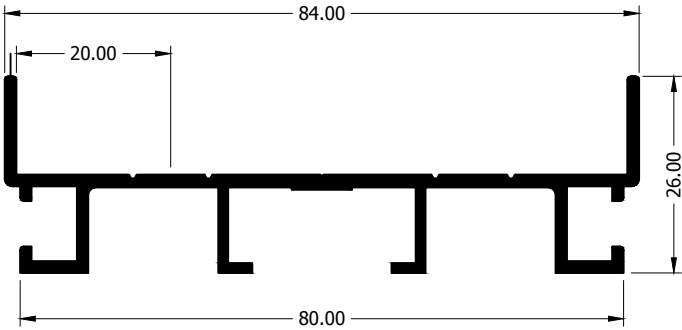
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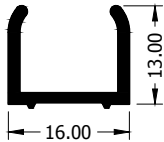
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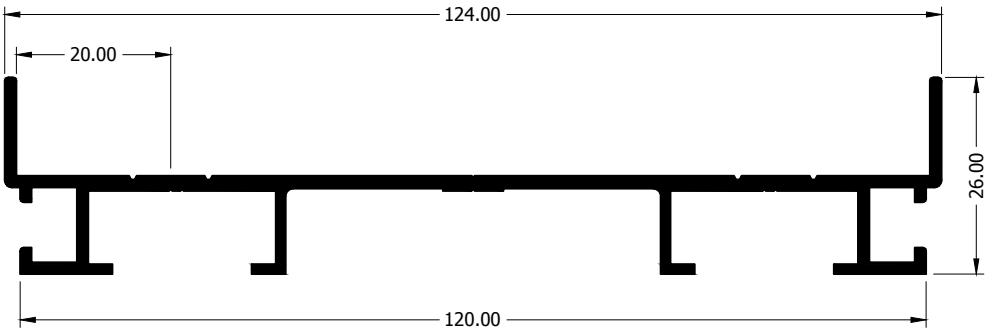
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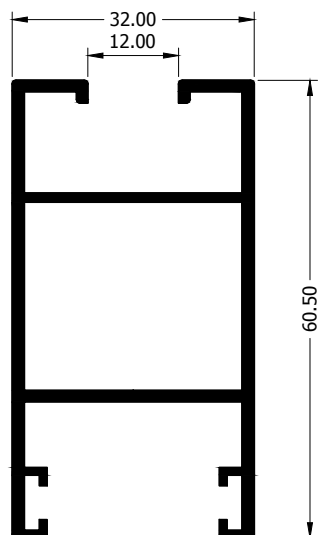
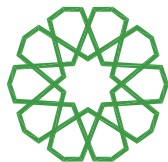
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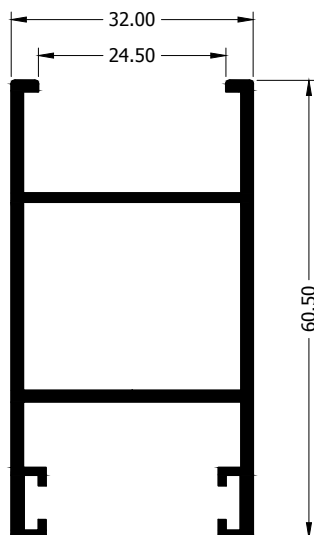
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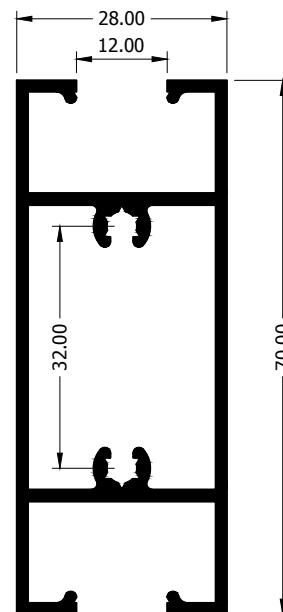
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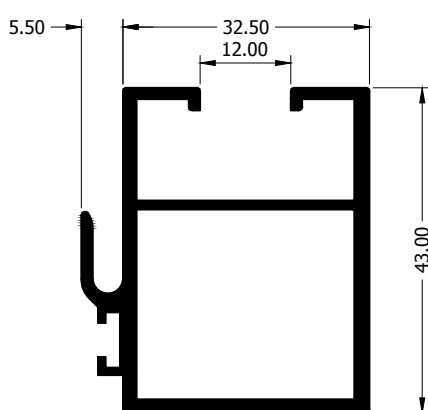
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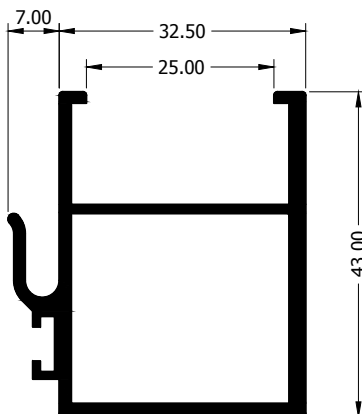
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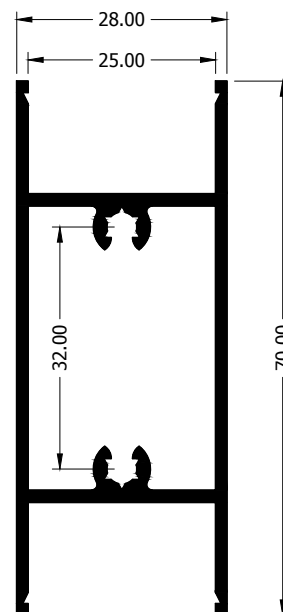
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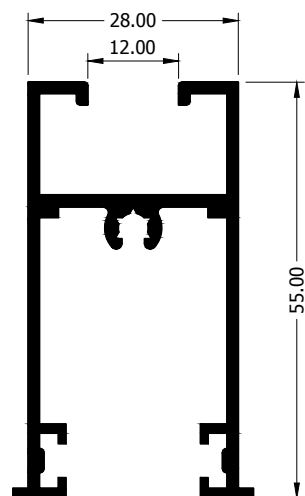
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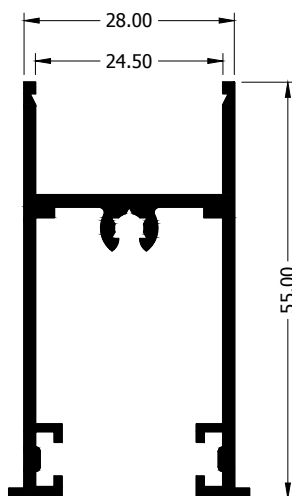
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0.791 Kg./ml.



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0.877 Kg./ml.



2 080 4510  
0.778 Kg./ml.



2 080 4620  
0.713 Kg./ml.

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