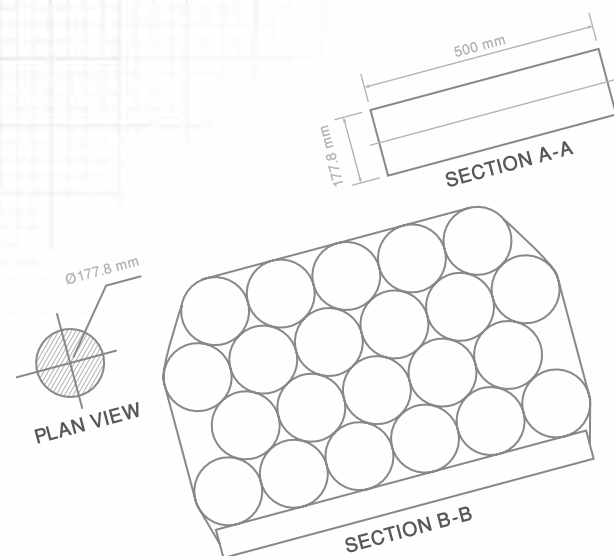


Products of Pure Value

Extrusion Ingot (Logs and Billets)



Our lives are touched each and every day by one of the many types of profiles produced from aluminium extrusion ingots. Their end use applications can be found in architecture, transport, general engineering and even kitchens.

As the basic material for a variety of profiles, aluminium extrusion ingots – either in log or billet form – are amongst the most widely used value added products.

They offer the flexibility to be extruded into a broad range of extrusion profiles that meet the demanding production related needs of manufacturers.

At Alba we supply the highest quality extrusion ingots to facilitate efficient extrudability and manufacture of high quality extruded products.

The length of the extrusion ingot supplied starts from 500mm and the commonly used log form has a saleable length of up to 7,600mm. Logs that are 5,800mm and 7,000mm in length can be shipped in containers, and customers can cut them into shorter length billets by using a saw or hot shear.

Depending on profile production requirements, cut billets can be extruded in solid and hollow forms.

Alba's outstanding quality control measures in alloy composition, internal soundness, surface quality, dimensional tolerances and metallurgical characteristics guarantee a superior extrusion performance of billets; making them highly preferred in markets worldwide.

Extruded profiles are widely used in medium to higher strength products and their good surface finishing facilitates value added surface finishing applications such as anodising and powder coating.

Extruded profiles from the "soft alloy" billet supplied by Alba find their use in a variety of architectural and building applications while the "hard alloy" billet supplied by Alba profiles are commonly used in engineering and transport applications.

The consumption of hard alloy extruded profiles is increasing in the fast growing automobile industry, and Alba's annual production capacity of above 380,000 tonnes of extruded ingots is catering to this growing demand.

Currently, Alba produces and supplies the following types of Aluminum Association (AA) USA 6000 series alloys:

- AA6060 soft alloy
- AA6063 soft alloy
- AA6106 soft to medium strength alloy
- AA6005A medium strength alloy
- AA6061 medium to high strength alloy
- AA6082 high strength alloy

In addition, as a company focusing on customers' needs, we meet their specific demands for alloy composition variants within the above alloy series.

The diameters of the extrusion ingot supplied by Alba and tolerances on the diameters are listed below:

DIAMETER	TOLERANCE
152.4 & 177.8mm	±1.0mm
203, 216, 228.6 & 254mm	±1.5mm

The cut length tolerances on billet and log supplied are listed below:

LENGTH	TOLERANCE
Lengths up to and including 610mm	± 5.0mm.
Lengths greater than 610mm	±8.0mm

