

6063-T6 ALUMINUM SEAMLESS BUS PIPE

What is it?

6063-T6 Aluminum seamless bus pipe is made from a popular heat treatable magnesium/silicon alloy. This alloy has excellent corrosion resistance and weldability. Due to its finer grain structure, this is an excellent alloy choice for anodizing. This alloy is often extruded in tubing and channels for use in architectural projects such as railing and window frames. Aluminum bus pipe is also commonly used in electric substations and in switch manufacturing.

Aluminum is a lightweight, highly conductive material. This conductivity changes when its composition is altered, such as when it is combined with other types of metal to create alloys. The strength of 6063 is significantly less than most other aluminum alloys. 6063 has roughly half the strength of 6061, making it suited for applications where strength is not the foremost consideration.

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Applications of 6063

- ✓ Air Cylinders
- ✓ Architectural Industry
- ✓ Electrical Bus Conductor
- ✓ Electrical Components and Equipment
- ✓ Switch Manufacturing
- ✓ Power Distribution

Advantages of 6063

- High conductivity
- Excellent corrosion resistance
- Weldability and workability

6063-T6 Specs

- ASTM B241



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WHAT

WE STOCK

TW Metals Carries the Largest Bus Pipe Inventory in the U.S.A.

TW Metals is your trusted supplier of 6063-T6 with the largest inventory of seamless aluminum bus pipe in the nation. We stock a diverse range of diameters of 6063-T6 Aluminum bus pipe. If you want to learn more about our product offerings or get a quote, please contact us via email, phone number or visit our website.

6063-T6 SIZE LISTING BY DIAMETER

1.50" Sch 40	4.00" Sch 80
2.00" Sch 40	5.00" Sch 40
3.00" Sch 40	5.00" Sch 80
3.50" Sch 40	6.00" Sch 40
4.00" Sch 40	6.00" Sch 80

