

S+D METALS

A BIBUS GROUP COMPANY



WATER JET CUTTING

S+D METALS offers extended service

S+D METALS offers professional water jet cutting services in cooperation with TOVAB. From individual parts to complex series production, we process according to customer drawings and specifications – always with highest precision and tightest tolerances.

TOVAB, founded in Sweden in 1997, is – like S+D METALS GmbH – a family-run company. Modern equipment and an experienced team ensure maximum reliability and excellent cutting quality for single parts and serial jobs throughout Europe.

Water jet cutting capabilities

Our water jet cutting services focus on:

- **Titanium Grade 2**, ASTM B265 in thicknesses **5–50 mm**
- **Titanium 6AL4V**, ASTM B265 in thicknesses **6–70 mm**
- **Titanium 6AL4V**, AMS 4911 in thicknesses **1–100 mm**

S+D METALS sources its titanium materials worldwide from renowned and certified mills, ensuring consistent availability and high-quality standards. One of our core strengths is the broad variety of origins and qualities, allowing us to offer the optimal material for every application.

Our titanium portfolio is tailored to the needs of aviation, industrial applications, machinery and equipment, medical technology and defence industries. The entire stock range – round bars, coils, sheets, plates and tubes– is available on our website under S+D Stock Program Titanium and Titanium Alloys.

Please feel free to contact us for any questions or inquiries.

Your Benefits

High quality

Water jet cutting at 4,000 – 6,000 bar is powerful yet gentle on the material. No thermal or chemical effects occur, preventing deformation, microcracking or structural changes. Available qualities: separation cut, quality cut, fine cut.

Time-efficient

Cutting and drilling with the same tool saves valuable processing time. With our extensive stock, we ensure short delivery times and high material availability.

Cost-effective

The excellent cutting surface minimizes the need for downstream processing. Material loss is reduced thanks to the 0.2 – 1.5 mm cutting jet.

Environmentally considerate

The cutting process is free of gases, fumes and molten metal – an environmentally friendly technology.

S+D METALS - Your extended service

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