

# Super-TIX® 10CSSN Ultimate

## Product Datasheet

## The ultimate exhaust alloy

Super-TIX® 10CSSN Ultimate is our premium exhaust alloy product.

Super-Tix® 10CSSN is our flagship exhaust system product, offering the highest tensile strength of all our speciality exhaust titanium alloys.

The main benefit of using 10CSSN is that apart from increased strength you will also get the same performance enhancements as in our other products (10CU, 10CUNB) which includes high-temperature strength and good formability at room temperature with higher oxidation resistance.

Super-Tix® 10CSSN is available to our customers in both sheets and welded tubes.



### Superior oxidation resistance

Super-Tix® 10CSSN offers excellent oxidation resistance, a feature which is critical in the performance of motorsport exhaust systems.

The alloy is further solution hardened with the introduction of tin (Sn) while the addition of Niobium (Nb) and silicon (Si) promotes excellent corrosive resistant characteristics.

Exhaust systems made using this alloy are highly resistant to high-temperature salt damage.

### Material Benefits

- High-temperature strength
- Good formability at room temperature
- Effective weight reduction solution
- Highest tensile strength of all our exhaust alloys
- Available in both sheet and welded tube
- Excellent oxidation resistance
- Resistant to high-temperature salt damage

### About Smiths High Performance

Smiths High Performance is a leading stockholder and supplier of high-performance engineering materials to the global motorsport sector. We are supply partners in a range of specialist motorsport markets including Formula 1, Formula E, NASCAR, MOTO GP, WEC & WRC.