



# HERMITH

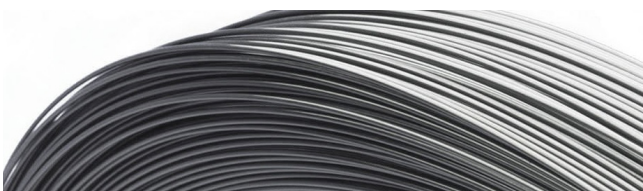
TITANIUM STOCKIST & SUPPLIER



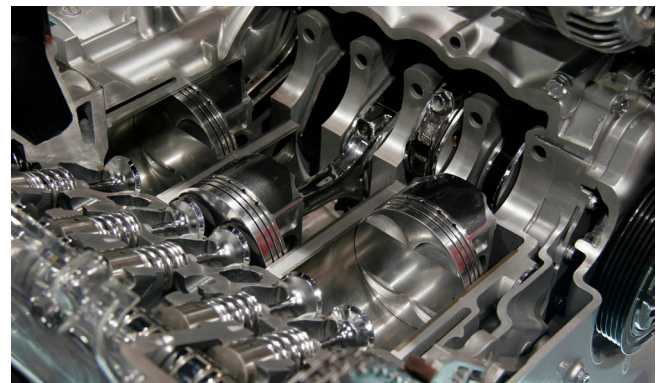
## Stock & Distribution



One of Europe's largest inventories of Titanium Wires, Tubes, Bars, Sheets and Plates released to major aerospace and industrial standards.



## Prototype Series



Research and Development of varying Titanium finished products in prototype series such as fasteners or springs for all industries. Extensive knowledge in special Titanium alloys research.



# TITANIUM WELDING WIRE

## High surface quality, Low hydrogen content



### Features of wire:

- Stability of quality characteristics;
- Low micro- and macro shrinkage;
- High surface quality;
- 5 times lower flaw depth parameters than required by standards;
- Absence of foreign inclusions in the surface layer;
- Hydrogen content is lower than the required standard (maximum 0,001%).

Dia, mm	Alloy	Technical requirements
From 0.8 to 7	CP Titanium grades 1, 2, 3, 4, Ti 6AL-4V, Ti 6AL-4V Eli, Ti grade 7, Ti grade 12, Ti 6-2-4-2, Ti 8-1-1, Zr 702	AMS 4951, ASTM B863, AWS A5.16 (ERTi-2), ErTi-23

## Full production cycle – from ingot melting to end product manufacturing



### Technological capabilities of the Production Facility:

- No alkaline etching;
- Up to date production facilities;
- Eddy Current inspection of the wires;
- Unique surface treatment and degasifying technologies;
- Quality Management System according to the ISO 9001 standard;
- 100 % quality control of production processes.

**Our Partner Mill** manufactures construction materials and components for:

- fuel assemblies;
- the chemical and medical industry;
- oil & gas industry;
- nuclear sector.