H.C. Starck’s High Temperature Furnace Products

H.C. Starck offers nearly 100 years of experience with a trusted supply chain of superior refractory pure and alloyed materials for heat treating medical, aerospace, defense and automotive products.

Materials
- Molybdenum
- Tungsten
- Tantalum
- Niobium
- TZM
- MHC
- MoLa (molybdenum-lanthanum)
- MoW (molybdenum-tungsten)

Applications
- Annealing
- Brazing
- Heat Treating
- HIPing
- Melting
- Pre-heating for Metalworking
- Powder Processing
- Sintering
- Tempering
- MIM (Sintering/Debonding)

Forms Available
- Furnace Assemblies
- Boats & Trays
- Furnace Racks
- Flat Ribbed Heating Elements
- Hot Zones
- Heat Shields
- Rolled and Bent Formed Product
- Brackets and Furnace Fixture

Furnaces Served
- High temperature furnaces in vacuum, reducing or inert atmospheres
- Chemical reaction furnaces in vacuum, air, or various atmospheres
Superior Mechanical Properties with Molybdenum Alloys

High melting temperature refractory, lower cost than Tungsten, creep resistance, and high temperature mechanical properties.

The values in this publication are typical values and do not constitute a specification.

For additional info please contact:
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