



TREFIMET

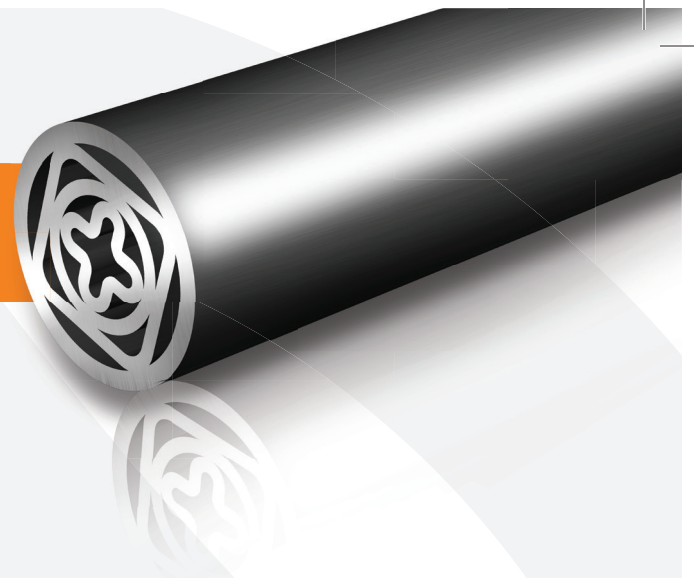
ENGINEERING IN THERMAL LANCES

TREFIMET ULTRAOXIBAR THERMAL LANCE

TECHNICAL SHEET



TREFIMET ULTRAOXIBAR THERMAL LANCE



The Trefimet Ultraoxibar thermal lance is a tool that generates a significant thermic energy, capable of cutting or boring through almost any material, ferrous and non-ferrous, with great speed and accuracy. The Ultraoxibar was designed for hard cutting operations (including pure copper), using customer's oxygen plant.

FEATURES & BENEFITS

- Low carbon steel lance with multi-shaped coaxial inserts.
- Thanks to its operation at low pressure, the Ultraoxibar dramatically lowers the number of lances consumed in cutting operations, including copper, slag, and other solid ferrous and non-ferrous materials.
- The Ultraoxibar works significantly faster than other traditional lances.
- The Ultraoxibar does not require a dedicated oxygen source, it will work off the customer's oxygen plant.
- Thanks to a lower operation and heat exposure time resulting in far less spattering, the Ultraoxibar increases safety for the operator, lowering thermal stress and burn risks.
- In addition, safety clothes and equipment will last longer too.
- Thanks to its unique design, the attack point can be focused precisely allowing a clean and accurate cut.
- The Ultraoxibar lance is made to the highest safety and quality standards, with the highest regard to safety for operators and least damage to the environment.
- Trefimet's products are all patented, our Ultraoxibar products have unique patented qualities.

SPECIFICATIONS

- Low carbon SAE 1010/1020 steel lance with multi shaped coaxial inserts.
- 100% Eddy Current tested.
- 100% free of oil, greases and hydrocarbons.
- Packaged as 50 units each with plastic film protection on both edges.

Ø Ext (mm)	Lenght* (m)	Thread & couple	O2 Flow (m³/h)	O2 Pressure (PSI)	Example applications
17,1	3	3/8 NPT	30 - 70	100 - 150	Furnace tapping Ø > 70 mm General maintenance tasks
21,3	3	1/2 NPT	50 - 100	100 - 160	Anode furnace tapping (casting) Tuyeres cleaning Minor accretions cutting
26,7**	3	3/4 NPT	60 - 150	100 - 170	Ladles cutting Build-ups cutting inside or outside the furnaces Furnace inspection windows cleaning Furnace floors demolitions Build-ups on furnace walls Tuyeres cleaning

* Other lenghts on request ** Mainly for build-ups cutting and demolition