



# THERMAL LANCE

## TREFIMET

# ULTRAOXIBAR

## TECHNICAL SHEET

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## THERMAL LANCE

### TREFIMET

## ULTRAOXIBAR

The Trefimet Ultraoxibar thermal lance is a tool that generates a significant thermal 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.

#### ESPECIFICACIONES

Low carbon steel lance with multi shaped coaxial inserts SAE 1010/1020.

Quality control: Eddy current cracks and flaws detection.

100% free of combustible oil, greases and hydrocarbons.

Packaged as 50 units each with plastic film protection on both tips.

EasyClick™ coupling system.



NOMINAL BORE	OUTSIDE Ø (mm)	LENGT (m)	WEIGHT (Kg/m)	OXYGEN SUPPLY RECOMMENDED		OXYGEN CONSUMPTION
				GASS-TIGHT PRESSURE (bar)	Q (Nm3/h)	Q (Nm3/h)
<b>NORMAL</b>						
3/8"	17,1	3 - 4 - 6	1,10	7 - 12	100 - 300	64 - 160
1/2"	21,3	3 - 6	1,77	7 - 10	100 - 210	140 - 200
3/4"	26,7	3 - 6	2,62	7 - 13	100 - 356	212 - 340
<b>CERAMIC COATED</b>						
3/8"	17,1	3 - 4 - 6	1,30	7 - 12	100 - 300	64 - 160
1/2"	21,3	3 - 6	2,00	7 - 10	100 - 210	140 - 200
3/4"	26,7	3 - 6	3,00	7 - 13	100 - 356	212 - 340

**POWERFULL**