



THERMAL LANCE

TREFIMET

OXIBAR

TECHNICAL SHEET

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THERMAL LANCE

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OXIBAR

The Trefimet Oxibar thermal lance is a tool who generates thermal energy capable to perforate several materials. Specially designed for tapping operations on smelting furnaces.

FEATURES & BENEFITS

The Trefimet Oxibar is an Steel lance with a square shaped insert, Compared with traditional oxygen lances or pipes, the Trefimet Oxibar dramatically reduces the time required to tap smelting furnaces.

Thanks to a lower spattering generation and a lower exposure time to high temperatures, the Trefimet Oxibar gives extra protection to the tapping operator, lowering the burning and thermal stress risk.

The Trefimet Oxibar reduces lance or pipes consumption used on tapping operations, it also reduces operational and financial costs. Due to a better operational conditions, the Oxibar also reduces the PPE (personal protective equipment).

Its efficient combustion significantly reduces the smoke generation.

Made in Chile by Trefimet, with its own and patented manufacturing process following the highest safety and quality standards, and the highest regard to safety for operators with least damage to the environment.

ESPECIFICACIONES

Low carbon steel tubular tool with coaxial inserts SAE 1010/1020.

Quality control: Eddy current cracks and flaws detection.

100% free of combustible oil, greases and hydrocarbons.

Packaged as 100 units each with plastic film protection on both tips.



OXYGEN SUPPLY RECOMMENDED		OXYGEN CONSUMPTION
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NOMINAL BORE	OUTSIDE Ø (mm)	LENGT (m)	WEIGHT (Kg/m)	GASS-TIGHT PRESSURE(bar)	Q (Nm3/h)	Q (Nm3/h)
NORMAL						
1/4"	13,7	3-4-6-7	0,75	5 - 8	58-130	50 - 70
1/2"	21,3	3-6	1,30	5 - 8	110-170	100 - 150
CERAMIC COATED						
1/4"	13,7	3-4-6-7	0,90	5 - 8	58-130	50 - 70
1/2"	21,3	3-6	1,55	5 - 8	110-170	100 - 150