



# THERMAL LANCE

## TREFIMET

### TR - 25

# TECHNICAL SHEET

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## THERMAL LANCE

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#### TR - 25

The TR-25 lance was specifically designed for furnace tapping operations at smelters, is a tool that generates an axially concentrated thermal energy making it extremely effective perforating several types of materials

#### FEATURES & BENEFITS

The TR is a steel lance with coaxial inserts: And another cylindrical hollow rod in the center within the square profile.

Substantially reduces the use of lances or rods in tapping operations and therefore the cost of operation logistics.

It reduces to a third or more the taphole tapping time compared to the time spent with other oxygen pipes.

Thanks to a lower operation and heat exposure time, the TR increases safety for the operator, lowering thermal stress and burn risks. In addition, safety clothes and equipment will last longer too.

Its efficient combustion significantly reduces fumes generation.

It is an approaching tool, electrode type, this prevents bending by mechanical stress that will affect and make lose the direction of drilling.

Thermal lance that ignites easily and maintains a stable combustion at any range of oxygen supply.

Thermal lances 100% usable, thanks to its efficient coupling system EasyClick™.

Product and Production system patented.

#### ESPECIFICACIONES

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

EasyClick™ coupling system.

Quality control: Eddy current cracks and flaws detection.

100% free of combustible oil, grease, and hydrocarbons.

Packaged as 100 units bundles, with plastic film on both tips.



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)
NORMAL						
1/4"	13,7	3	2,5	6 - 8	90 - 120	30 - 45
1/4"	13,7	4	3,3	6 - 8	90 - 120	30 - 45
1/4"	13,7	5,7	4,8	6 - 8	90 - 120	30 - 45