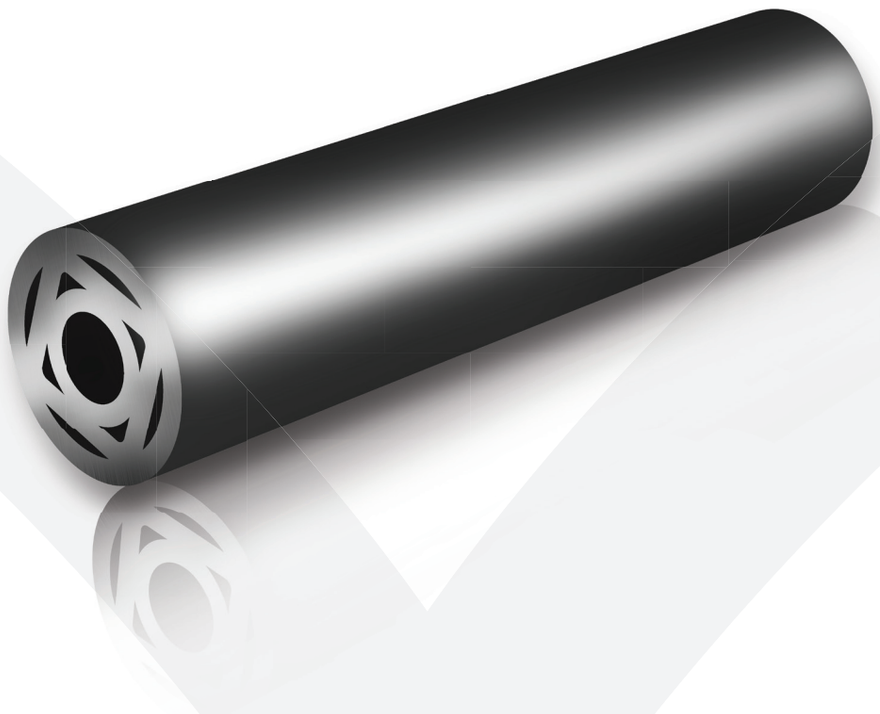
TREFIMET

ENGINEERING IN THERMAL LANCES

THERMAL LANCE TREFIMET TR-25

TECHNICAL SHEET



WWW.TREFIMET.CL | AV. JORGE ALESSANDRI 12900 | SAN BERNARDO • CHILE | TEL: (+562) 2654 6000

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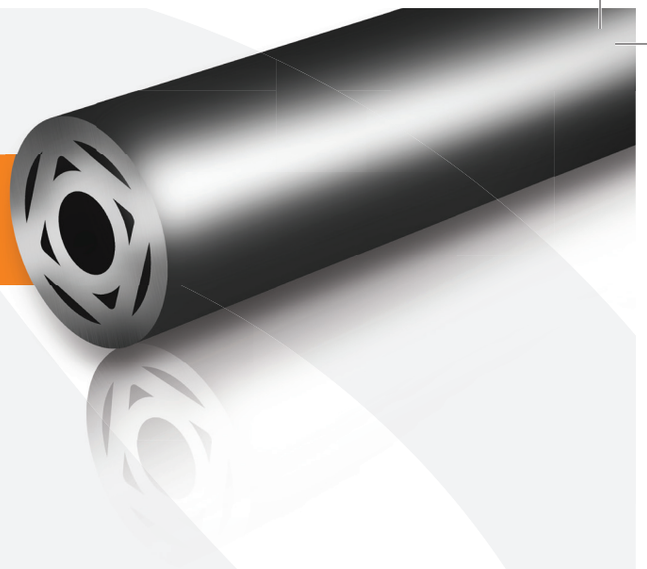

The Trefimet TR thermal lance is a tool that generates an axially concentrated thermic energy, making it extremely effective perforating several kinds of material. The TR lance was specifically designed for furnace tapping operations expressly by specialists aiming at improving on existing output parameters creating a market leader in its class.

Features & benefits

- The TR is a steel lance with coaxial, both squared and rounded, inserts in a specially patented formation.
- The TR dramatically lowers oxygen lance consumption in furnace tapping operations.
- Reduced consumption of lances, require less material movements inside the smelter.
- Compared with traditional lances, the TR requires less than a third of the time needed to perform the same function.
- 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.
- As a result of Its efficient combustion ability, the TR lance generates measureably less harmful gases.
- As the TR lance does not require pressure against its attack point, it will not bend due to mechanical forces, allowing the operator to maintain the optimum cut direction, as planned.
- The TR 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 TR products have unique patented qualities.

Specifications

- Low carbon steel tubular tool SAE 1010/1020 with coaxial inserts.
- ¼" NPT threaded and coupled as per request.
- 100% Eddy Current tested.
- 100% free of oil, greases and hydrocarbons.
- Packaged as 100 units each with plastic film protection on both edges.

Outside Ø (mm)	Lenght (m)	Weight (Kg)	Oxygen Flow (m^3/h)	Working Pressure (PSI)
13,7	2	1,62	20 - 60	90 - 175
	3	2,43		
	4	3,24		
	6	4,86		

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