



# THERMAL LANCE

## TREFIMET

### TR - 50

# THECNICAL SHEET

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## THERMAL LANCE

### TR - 50

The TR-50 geometric configuration adjust the oxygen at its center zone for a balanced distribution towards its periphery. This considerably improves its performance and makes it the fastest, most precise and powerful lance in the 1/2" lance range. Capable to cut or perforate any ferrous and non ferrous material, the TR-50 is ideal for any task that requires fast and precise work.

**FEATURES & BENEFITS**

The TR-50 is a steel lance with several oxygen passages, properly arranged to reach and improved and efficient combustion.

Reduced lance consumption, requires less material movements inside the furnace.

Compared with tradicional lances, the TR-50 requieres less time, to perform the same task.

Thanks to a lower operation reduced heat exposure time, the TR-50 increases safety and confort for the operator, lowering thermal stress and risk for burns. In addition, safety clothes and equipment will last longer.

Ideal for opening furnace tap holes that require a fast tapping.

**SPECIFICATIONS**

Low carbon steel tubular tool SAE 2010/1020 with coaxial inserts.

EasyClick™ coupling system (optional).

Quality control: Eddy current crack and flaw detection.

100% free of combustible oil, grease and hydrocarbons.

Packaged as 50 lances in each bundle with plastic protection in both ends.

Patented product:  
 \* EPO 3093426  
 \* Patent Pending EPO 14876909.4


**NOMINAL BORE**
**OUTSIDE ø (mm)**
**LENGTH (m)**
**WEIGHT (Kg/m)**
**OXYGEN SUPPLY RECOMMENDED**
**OXYGEN CONSUMPTION**
**GASS-TIGHT PRESSURE (bar)**
**Q(Nm3/h)**
**Q(Nm3/h)**
**NORMAL**

1/2"

21,3"

3 and 6

1,95

7-11

110 - 340

155 - 220

Note: For other lengths, please consult our local sales representative.

# POWERFULL