



# THERMAL LANCE TREFIMET **SUPEROXIBAR** TECHNICAL SHEET

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## THERMAL LANCE TREFIMET SUPEROXIBAR

The superoxibar lance is a tool capable of generating an effective thermal energy while conducting a good oxygen flow. It is ideal for cutting or drilling by melting ferrous materials, and it is also good for operations that require oxygen in addition to thermal energy.

### FEATURES & BENEFITS

It is a Steel lance with tubular external profile and an internal coaxial four pointed star insert profile.

Reduces operation tapping times in large diameter tapholes compared with other lances, and also reduces tapping times at high ferrous smelting.

Reduces operation time for cuts and perforation of ferrous materials.

It doesn't require an external oxygen source. It can work with the smelter's oxygen source or plant.

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

Made in Chile by Trefimet. 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.



				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)
<b>NORMAL</b>						
1/4"	13,7	3 - 4 - 6	0,68	6 - 8	60 - 130	60 - 105
3/8"	17,1	3 - 4 - 6	1,15	6 - 8	80 - 130	75 - 112
1/2"	21,3	3 - 6	1,60	5 - 10	60 - 210	100 - 180
5/8"	15,9	2-3-4-6	1,00	6 - 8	70 - 130	70 - 110
<b>CERAMIC COATED</b>						
3/8"	17,1	3 - 6	1,35	6 - 8	80 - 130	75 - 112
1/2"	21,3	3 - 6	1,85	5 - 10	60 - 210	100 - 180
5/8"	15,9	2-3-4-6	1,15	6 - 8	80 - 130	70 - 110