



FAST CONNECTOR TREFIMET FCT TECHNICAL SHEET

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FCT QUICK CONNECTOR FOR TREFIMET TR THERMAL LANCES

The FCT (Fast Connector Trefimet), is a tool to optimize the use Trefimet thermal lances, allowing to join two or more lances, easily and with not oxygen filter during the operation. Its design facilitates the maneuverability of the lance in a straight or flexible way. In addition, it allows an optimal use of 100% of the lance remnants.

FEATURES & BENEFITS

- Steel connector assembly which allows easy use of the lance 100%.
- The FCT connector achieved the seal of the joint between Trefimet Thermal Lances, reaching the objective of eliminating leaks oxygen, thus reducing the risk of the operation and increasing operator safety.
- Designed for continuous operation with thermal lances (where required using more than one lance).
- Its configuration allows to work with both straight and flexible thermal lance.
- The new FCT quick connector for thermal lances, does not require the use of coupling threads.
- Tool manufactured by Trefimet with worldwide patent pending.

ESPECIFICACIONES

- Pneumatic low carbon steel SAE1010/1020.
- Available for 1/4"; 3/8"; 1/2"; 3/4" lances.
- Fluid: Oxygen.
- Free of fuel oils and hydrocarbon.
- Round tubular steel profile with O-ring seal system and fixing by radial force spring.
- Dimensions suited to the operating operation conditions of each lance type, both mechanical stress and oxygen pressure.

| CONNECTOR | OUTSIDE Ø (mm) | WEIGHT (grs) | LENGTH (mm) | MAXIMUM WORKING PRESSURE (bar) |
|-----------------------------|----------------|--------------|-------------|--------------------------------|
| FCT-25 FOR 1/4" N.B. LANCES | 19 | 90 | 90 | 16 |
| FCT-38 FOR 3/8" N.B. LANCES | 23 | 135 | 90 | 16 |
| FCT-50 FOR 1/2" N.B. LANCES | 28 | 192 | 90 | 16 |
| FCT-75 FOR 3/4" N.B. LANCES | 35 | 275 | 90 | 16 |