Tesi ignition devices include a wide range of pilot burners, available with:

- built-in High Energy or High Voltage ignition rod
- flame monitor device by optical or ionization rod
- thermocouples

Tesi pilot burners range includes: GAS, OIL, DUAL FUEL PILOT BURNERS.

**HIGH ENERGY IGNITION SPARK RODS**

Tesi product range includes a broad selection of ignition rods. The recent and ever increasing demand for direct ignition of main burners led Tesi to develop a dedicated range specifically designed for overexposure to high temperatures. This range, allowing to replace pilots, leads also to a considerable reduction in the plants manufacturing and operational costs. Alongside standard devices, Tesi manufactures units suitable to ignite directly a wide range of fuels including natural gas, fuel gas, diesel, light fuel oil (LFO) and heavy fuel oil (HFO):

- side or coaxial retractable pneumatic devices protecting tips from dirt and flames once sparking is finished
- tilting flexible rods to follow the main burner’s angle
- guide pipes

Our key strength is the ability to provide CUSTOM CONFIGURATIONS. Tesi utmost flexibility is highly appreciated among our customers, since it allow us to meet their real requirements. Tesi ignition rods range comes in three main standard diameters: 12 / 14 / 17 mm; length and diameter of the igniter are customizable, and various accessories are available in order to satisfy any operational need.

**FEATURES**

**High reliability**
The powerful sparks ensure reliable ignition in all conditions and environments, removing any risks of failure due to contaminants or humidity.

**Low maintenance**
Tesi self-cleaning spark tips guarantee a successful ignition while reducing maintenance efforts. The high power of the sparks cleans the surface of the tip during every ignition. Igniters and flame ionization electrodes can be easily disassembled, without pulling out the entire pilot.

**Easy tip replacement**
Being spark tips screwed onto the end of the rod, they can be replaced quite easily, reconditioning the system very quickly and reducing costly downtime.

**Accessories & spare parts**
A wide range of accessories and spare parts on stock can be quickly supplied and allows for customization of the systems according to customer specifications.

**Compact design & flexibility**
Dimension and shape can be fully customized to match customer requirements.