



**TENNECO**  
**POWERTRAIN**

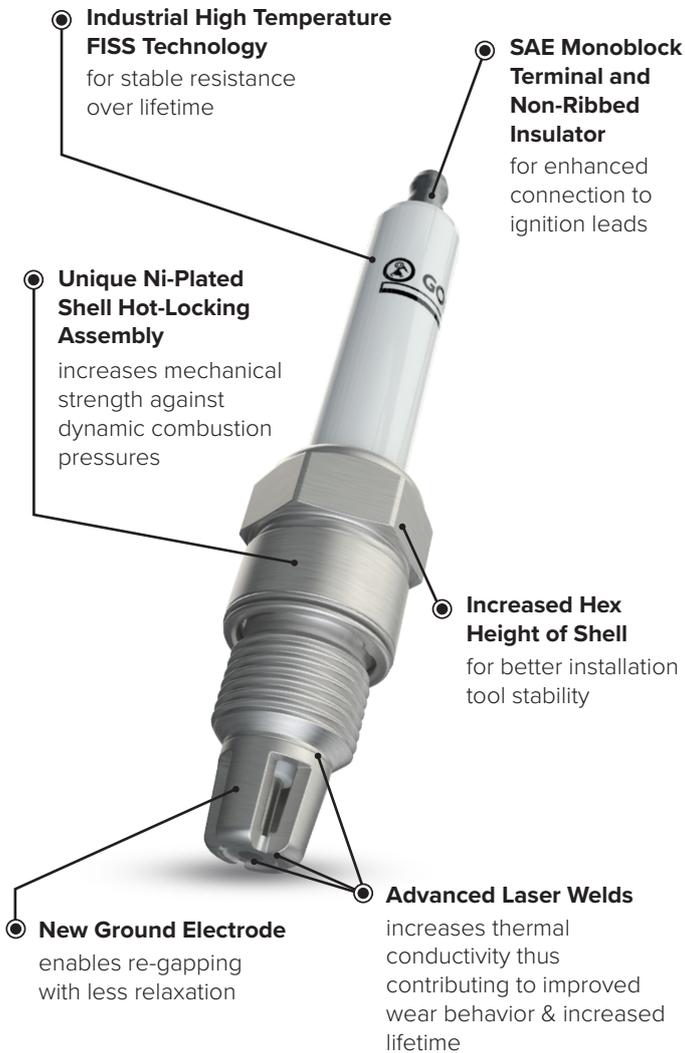


## G-6001 Industrial Spark Plug

Our massive quad electrode design has been developed to achieve extreme life time in open chamber applications, with lifetime runs over 10,000\* hours in Jenbacher type 3 engines. Ideal for engines fueled by Natural Gas and Biogas where the end user is looking for a suitable and capable OE replacement spare part. The new ground electrode design is introduced for easy re-gapping operation while the improved shell and insulator design provides added robustness against mechanical damage.

\* Lifetime depends on operating conditions including, but not limited to: fuel, duty cycle/load, ignition system, and environmental conditions.

# G-6001



**Industrial High Temperature FISS Technology**  
for stable resistance over lifetime

**SAE Monoblock Terminal and Non-Ribbed Insulator**  
for enhanced connection to ignition leads

**Unique Ni-Plated Shell Hot-Locking Assembly**  
increases mechanical strength against dynamic combustion pressures

**Increased Hex Height of Shell**  
for better installation tool stability

**Advanced Laser Welds**  
increases thermal conductivity thus contributing to improved wear behavior & increased lifetime

**New Ground Electrode**  
enables re-gapping with less relaxation

## Lifetime\*

10,000 h

25,000 h

## Electrode Gap, nom.

0.2 mm

0.35 mm

0.5 mm

## Sup. Resistor

2 kΩ

3 - 12 kΩ

16 kΩ

\* Lifetime depends on operating conditions including, but not limited to: fuel, duty cycle/load, ignition system, and environmental conditions.

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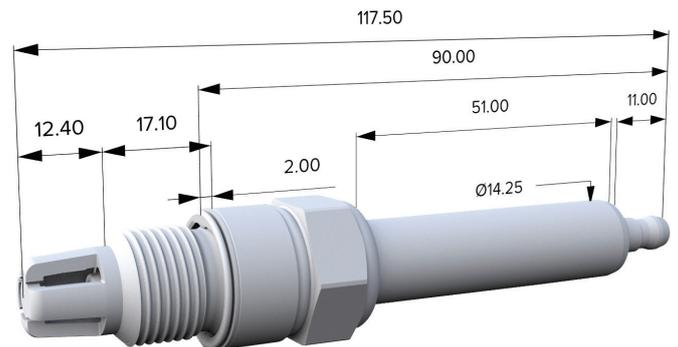
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G-6001 Rev. 06/2020

## Basic Technical Data

Properties	G-6001
Suppressor Resistor	3 - 12 kΩ
Hex	22.2 mm (7/8 in)
Thread	M18 x 1.5
Thread length	17.1 mm (43/64 in)
Precious metals	Iridium/Platinum
Electrode gap	nom 0.35 mm (0.014 in)
Tightening torque (cast iron)	50-60 Nm (37-44 lbf ft) w/o lubricant
Lifetime*	~10,000 hours

## Dimensions



## Target Applications

- Industrial stationary engines
- Power generation/CHP
- Open chamber combustion engines
- Heavy-duty start/stop operation
- Natural Gas
- Biogas

## Engines

- Innio Jenbacher Type 3

## Cross References

- Innio Jenbacher - P7-Series