



GOETZE®

G-6013 INDUSTRIAL SPARK PLUG

The Bridge Design of this high-performance industrial spark plug developed to match the specific needs of increased start-stop operation.

In combination with its dual iridium electrodes and our patented advanced weld process, the new G-6013 spark plug is set to achieve more than two times the service life compared to traditional J-gap designs.

G-6013 is ideally suited for application in large bore pre-chamber gas engines, both active and passive, where high load and high temperature operating conditions are prevalent.

The fixed gap provided by the new Bridge design does not move even under extreme thermal cycling conditions, thus eliminating the need for any re-gapping procedures.

G-6013

● **INDUSTRIAL HIGH TEMPERATURE FISS TECHNOLOGY**
for stable resistance over lifetime

● **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

Lifetime*

2000 h
4000 h

Electrode Gap, Nom.

0.2 mm
0.3 mm
0.5 mm

Electrode Resistance

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.

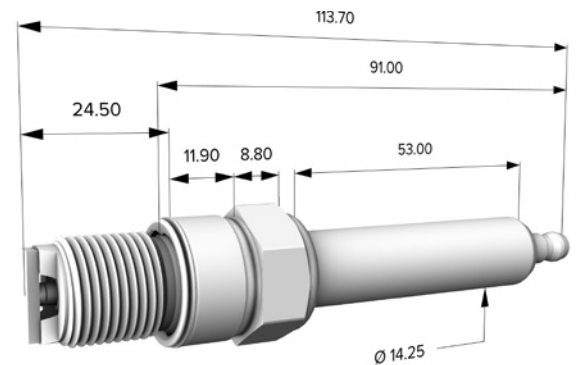
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Basic Technical Data

Properties	G-6013
Suppressor Resistor	3 - 12 kΩ
Hex	22.2mm (7/8")
Thread	M18 x 1.5
Thread length	20.1 mm
Precious metals	Iridium/Iridium
Electrode gap	nom. 0.3
Tightening Torque (Cast iron)	50-60 Nm (37-44 lbf ft) w/o lubricant
Lifetime*	4000h

Dimensions



Target Applications

- Industrial stationary engines
- Natural Gas

Engines

- Caterpillar
- Bergen Engines
- Wärtsilä
- HHI
- MAN ES