

G-6013 INDUSTRIAL SPARK PLUG

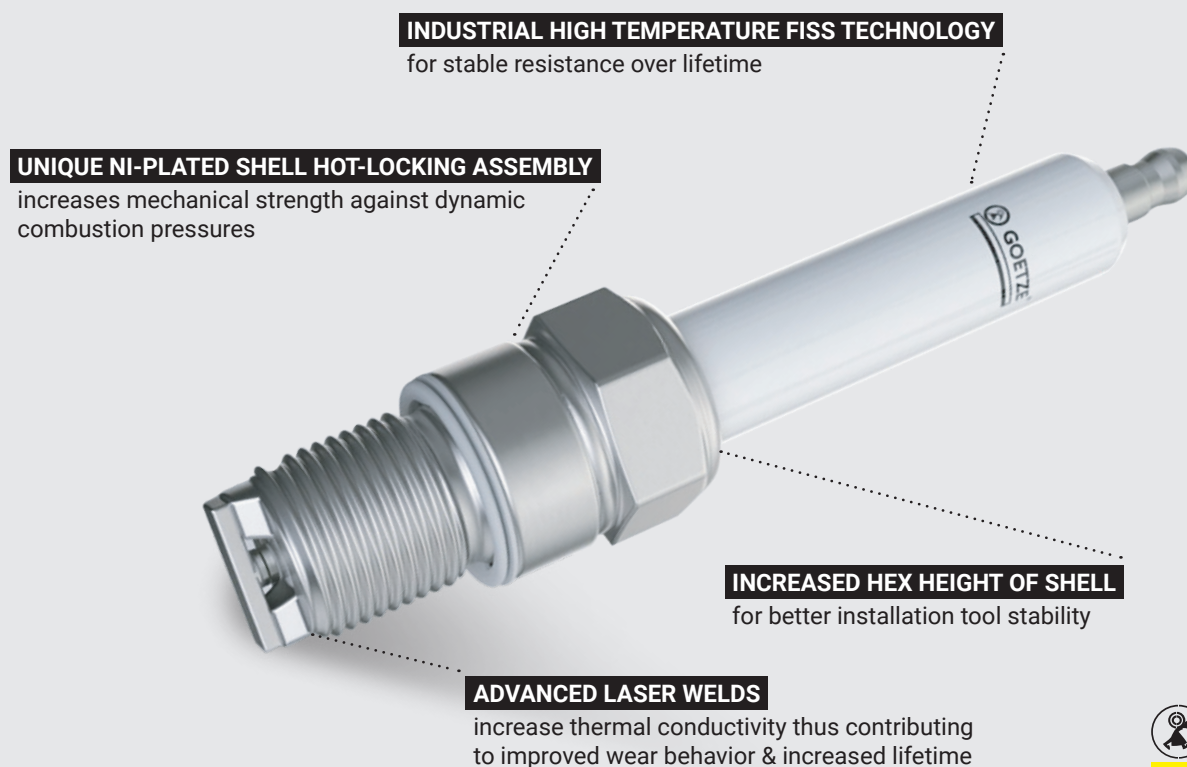
Rev. 08/2024

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



| | | | |
|----------------------|--------|---------|--------|
| 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.

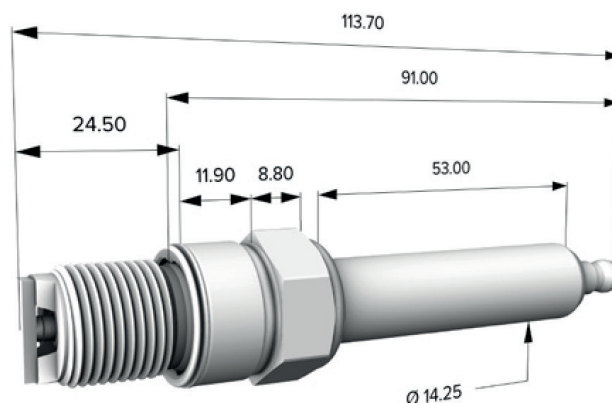
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Basic Technical Data

| Properties | G-6013 |
|----------------------------------|--|
| Suppressor Resistor | 3–12 kΩ |
| Hex | 22.2 mm (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* | 4000 h |

Dimensions



Target Applications

- > Industrial stationary engines
- > Natural Gas

Cross References

WÄRTSILÄ:

- > PABA209982

Bergen Engines:

- > 710875

Federal-Mogul:

- > FB78WW

Engines

✓ CATERPILLAR 3520B

✓ CATERPILLAR GCM34

✓ BERGEN ENGINES B-C

✓ WÄRTSILÄ 31SG

✓ WÄRTSILÄ 34SG

✓ WÄRTSILÄ 50SG

✓ HHI H35

✓ HHI 40GV

✓ MAN ES V35 44SG

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