

GOETZE® Industrial Spark Plugs: Leading Lifetime and Durability.

Designed for industrial gas engines and suitable for power generation applications, including natural gas, biogas, landfill gas and mine gas, the new GOETZE®-branded industrial spark plugs provide a valuable solution to end users looking for a suitable and capable OE replacement part. Installation and removal are easier thanks to a design that makes the familiar 7/8-inch (22.2mm) hexagon much higher, giving installation tools a stronger grip. Large, smooth insulators using stronger ceramics and a more robust steel shell enable outstanding durability and industry leading lifetime in open chamber applications.

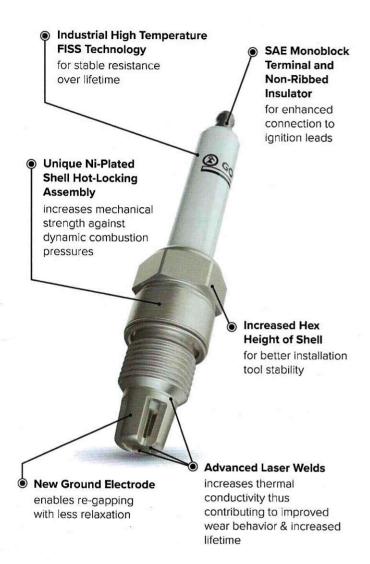












Lifetime*

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.

Federal-Mogul Ignition GmbH

Bürgermeister-Schmidt-Str. 17

51399 Burscheld, Germany

www.goetze-ignition.com

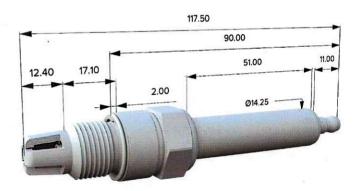
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G-6001 Rev 06/2020

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

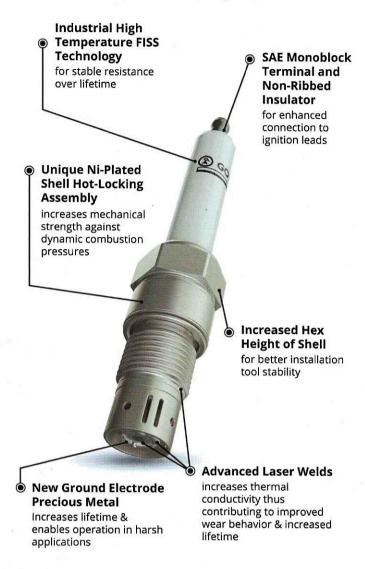
Cross References

· Innio Jenbacher - P7-Series









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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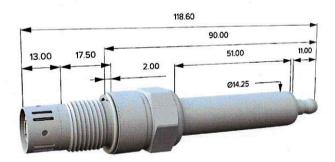
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G-6002 Rev. 10/2020

Basic Technical Data

Properties	G-6002
Suppressor Resistor	3 - 12 kΩ
Hex	22.2 mm (7/8 in)
Thread	M18 x 1.5
Thread length	17.5 mm (11/16 in)
Precious metals	Iridium/Iridium
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 4

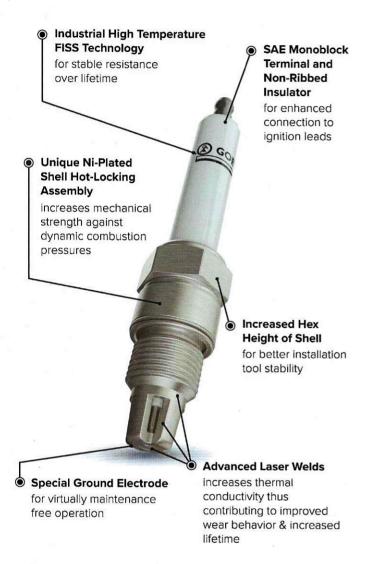
Cross References

· Innio Jenbacher - P3-Series









Lifetime*

4,000 h 10,000 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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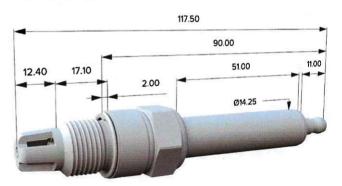
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G-6003 Rev. 06/2020

Basic Technical Data

Properties	G-6003
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*	~4,000 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

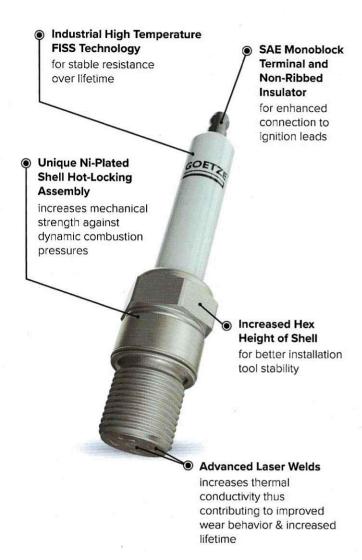
Cross References

· Innio Jenbacher - P7-Series









Lifetime*

2,000 h 5,000 h

Electrode Gap, nom.

0.2 mm	0.3 mm	0.5 mm
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Sup. Resistor

210	2 4210	4010
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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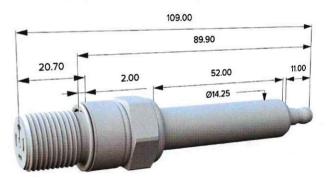
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G-6004 Rev. 06/2020

Basic Technical Data

Properties	G-6004
Suppressor Resistor	3 - 12 kΩ
Hex	22.2 mm (7/8 in)
Thread	M18 x 1.5
Thread length	20.7 mm (13/16 in)
Precious metals	lridium/lridium
Electrode gap	nom 0.3 mm (0.012 in)
Tightening torque (cast iron)	50-60 Nm (37-44 lbf ft) w/o lubricant
Lifetime*	~2,000 hours

Dimensions



Target Applications

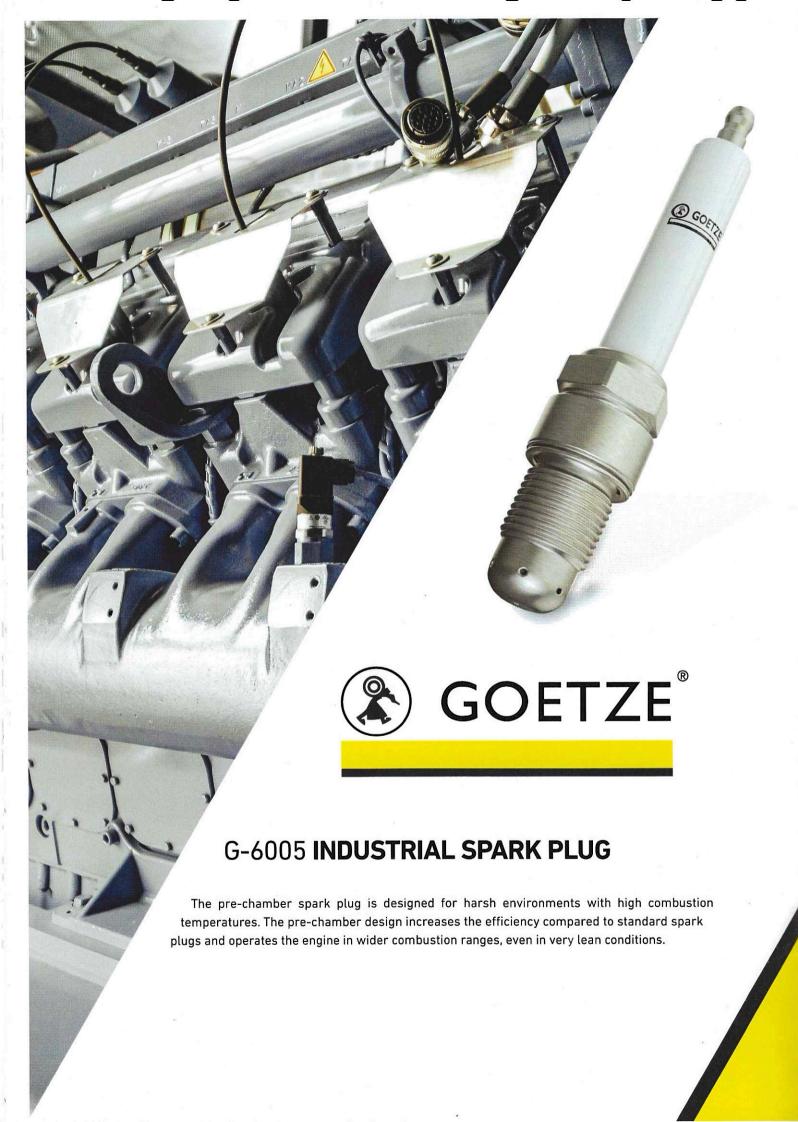
- · Industrial stationary engines
- · Power generation/CHP
- · Open chamber combustion engines
- · Heavy-duty start/stop operation
- Natural Gas
- Biogas
- · Landfill Gas

Engines

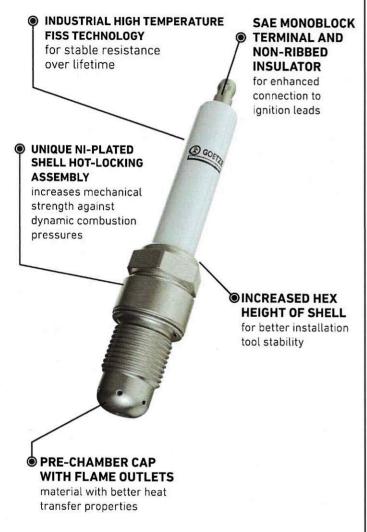
Innio Jenbacher Type 6 / Type 9

Cross References

- · Innio Jenbacher: P611, Denso 518, P603
- Federal-Mogul: FV76WWCC (18GZ45)







Lifetime*

< 2000h	2000-4000h	> 4000h
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.

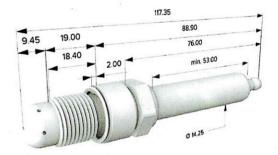
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Basic Technical Data

Properties	G-6005
Suppressor Resistor	3 - 12 kΩ
Hex	20.8 mm
Thread	M18 x 1.5
Thread length	19mm
Precious metals	Iridium/Iridium
Electrode gap	nom. 0.3
Tightening Torque (Cast iron)	50-60 Nm (37-44 lbf ft) w/o lubricant
Lifetime*	~3000h

Dimensions



Target Applications

- Industrial stationary engines
- Power generation/CHP
- Natural Gas
- Biogas

Engines

MTU BR4000

Cross References

MTU:

X52404500056







Lifetime*

< 2000h

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Electrode	Gap, Nom.	
0.2 mm	0.3 mm	0.5 mm

Electrode Resistance

	Salara and
3 - 12 kΩ	16 kΩ
	3 - 12 kΩ

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

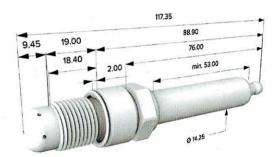
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Basic Technical Data

Properties	G-6006
Suppressor Resistor	3 - 12 kΩ
Hex	20.8 mm
Thread	M18 x 1.5
Thread length	19mm
Precious metals	Iridium/Platinum
Electrode gap	nom. 0.3
Tightening Torque (Cast iron)	50-60 Nm (37-44 lbf ft) w/o lubricant
Lifetime*	~3000h

Dimensions



Target Applications

- · Industrial stationary engines
- Power generation/CHP
- Natural Gas

Engines

MTU BR4000

Cross References

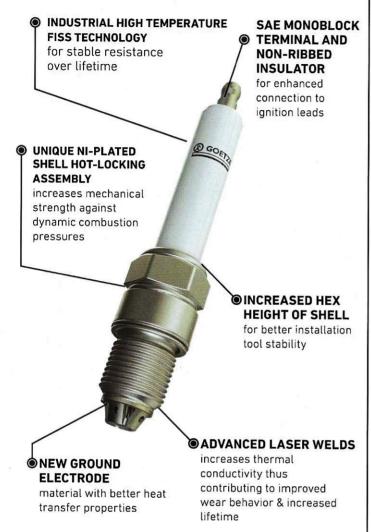
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Lifetime*

10.000 h 25.000 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.

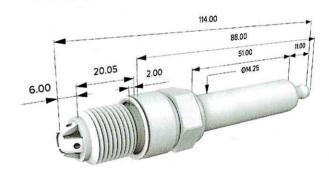
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Basic Technical Data

Properties	G-6007
Suppressor Resistor	3 - 12 kΩ
Hex	20.8 mm
Thread	M18 x 1.5
Thread length	20.05 mm
Precious metals	Iridium/Platinum
Electrode gap	nom. 0.3
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
- Natural Gas
- Biogas

Engines

- INNIO Jenbacher type 2 and 3
- MAN E28
- Cummins QSV

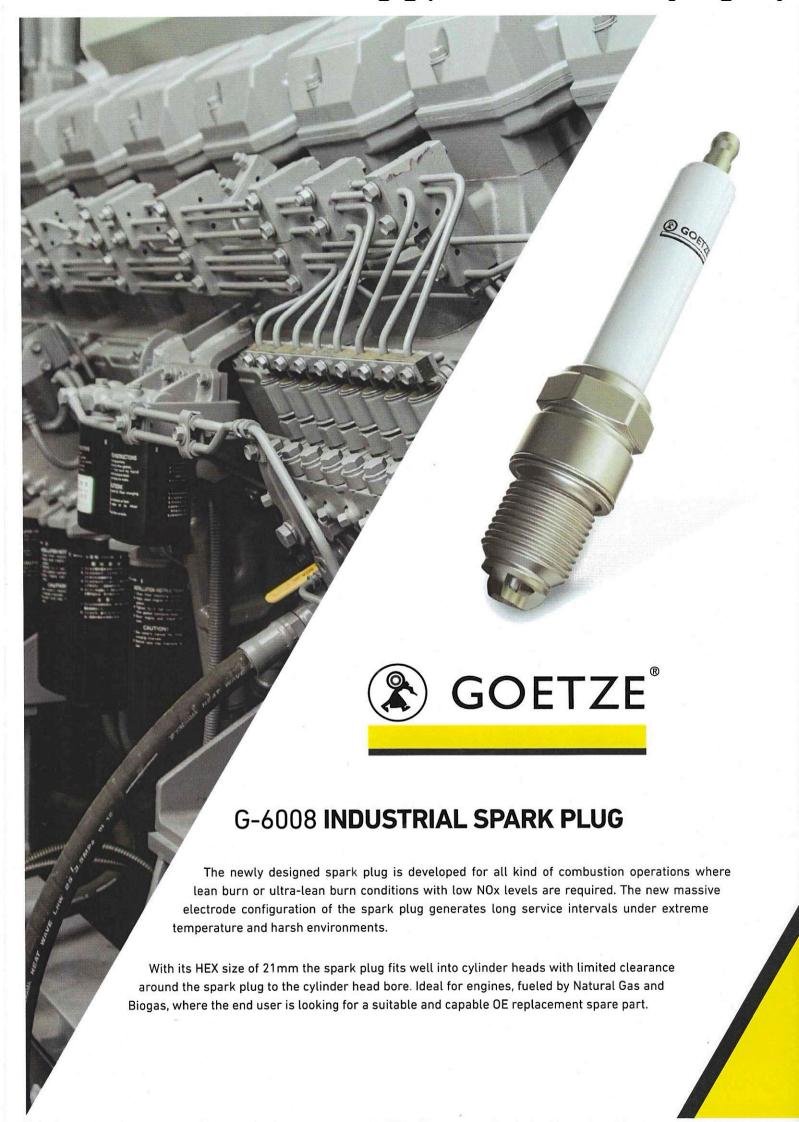
Cross References

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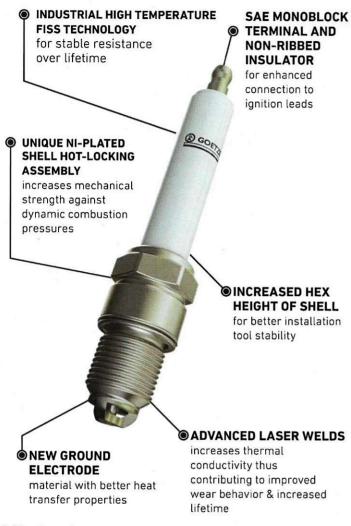
• 314322; 340051; 1233804; 1233808; 190441

Federal-Mogul:

- 18GZ44 Z283
- FB78WPN







Lifetime*

6.000 h 10.000 h

Electrode Gap, Nom.

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0.2 mm	0.3 mm	0.5 mm

Electrode Resistance

2 kΩ	3 - 12 kΩ	16 kΩ
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* Lifetime depends on operating conditions including, but not limited to: fuel, duty cycle/load, ignition system, and environmental conditions.

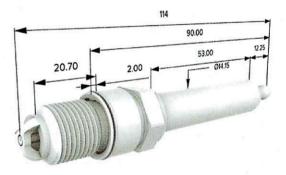
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Basic Technical Data

Properties	G-6008
Suppressor Resistor	3 - 12 kΩ
Hex	20.8 mm
Thread	M18 x 1.5
Thread length	20.70 mm
Precious metals	Iridium
Electrode gap	nom. 0.3
Tightening Torque (Cast iron)	50-60 Nm (37-44 lbf ft) w/o lubricant
Lifetime*	~ 6.000 hours

Dimensions



Target Applications

- Industrial stationary engines
- · Power generation/CHP
- Open chamber combustion engines
- Natural Gas
- Biogas

Engines

- MAN E28, MAN E3262 E3XX, MAN E326X LE
- Cummins QSV
- WAUKESHA 69919 A and WAUKESHA 69919 C
- Guascor Engines

Cross References

Federal-Mogul:

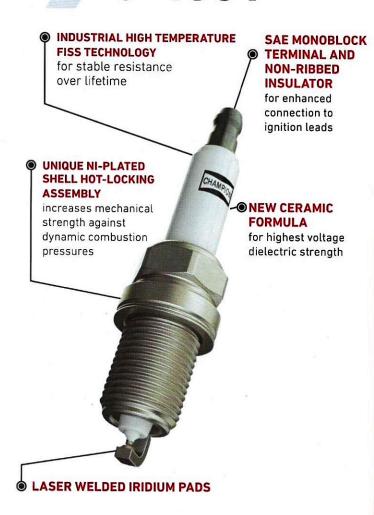
- 18GZ5-77-2
- 18 GZ 4-77







C-4001



Electrode Gap, Nom.

0,2mm 0,25mm

Electrode Resistance

2 kΩ 3 - 12 kΩ 16 kΩ

0,3mm

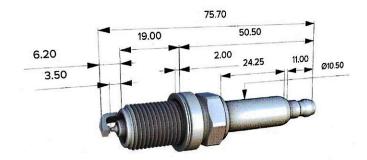
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Basic Technical Data

Properties	C-4001
Suppressor Resistor	3 - 12 kΩ
Hex	16mm
Thread	M14x1,25
Thread length	19mm
Precious metals	Iridium/Iridium
Electrode gap	nom. 0.25
Tightening Torque (Cast iron)	30-40Nm

Dimensions



Target Applications

• stationary Biogas or Natural Gas Engines

Engines

Scania, MAN, 2G, Cummins, Perkins

Cross References

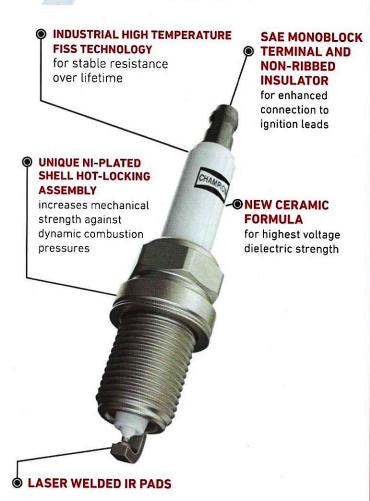
Bosch 7321, Bosch 7322, Denso GK 3-1, GK3-5







C-4001



Electrode Gap, Nom.

0,35mm 0,4mm

0,45mm

Electrode Resistance

2 kΩ 3 - 12 kΩ 16 kΩ

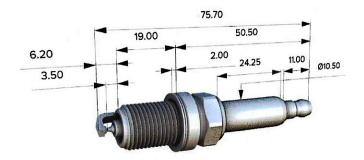
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Basic Technical Data

Properties	C-4001
Suppressor Resistor	3 - 12 kΩ
Hex	16mm
Thread	M14x1,25
Thread length	19mm
Precious metals	Iridium/Iridium
Electrode gap	nom. 0.4mm
Tightening Torque (Cast iron)	30-40Nm

Dimensions



Target Applications

 Commercial Truck Off-Highway (Trucks, Buses, Construction machines)

Engines

· Scania, Daimler, MAN, Iveco

Cross References

BOSCH WR3KI332



GOETZE[®] Industrial Spark Plugs: Leading Lifetime and Durability.

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