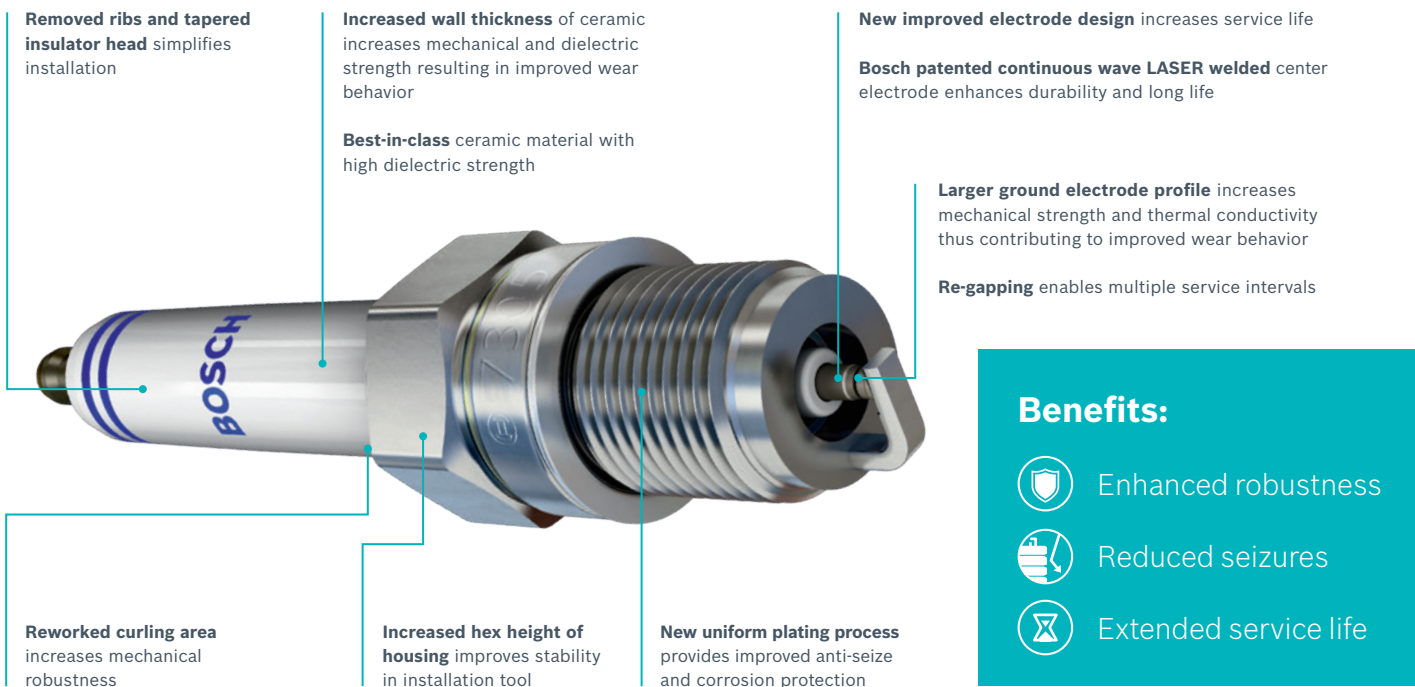




Industrial Spark Plugs

Next Generation 7305



Benefits:

- Enhanced robustness
- Reduced seizures
- Extended service life

Characteristics

- Sup. resistor:** 6 kΩ
- Hex:** 22.2 mm (7/8")
- Seat type:** Flat
- Thread:** M18x1.5
- Thread length:** 19.0 mm
- Electrode diameter:** 2.4 mm
- Electrode gap:** 0.3 mm (0.012")
- Tightening Torque (Cast Iron)**
- Without Lubricant : 50 Nm (37 ft*lb)
- With Lubricant: 33 Nm (24 ft*lb)

Packaging

- Pack steps:** 1 / 10 / 200
- Pack size (1):** 122 x 26 x 24 mm
- Pack size (10):** 150 x 127 x 51 mm
- Weight (1):** 112 g

Cross references*

- Denso:** GI3-5
- Beru:** 18GZ6-77-2 and Z353 Super Green Ignition
- Champion:** FB77WPCC

Customer approved

*“Recently at Viridor we tested the new Bosch spark plug type 7305 (Bosch part number 0 242 356 512) in our Cummins QSV91 and CAT 3500 engines. Thanks to the **new ceramic design** and increased hex height we **didn’t experience any cracking of ceramic** on the duration trial of approximately 6 months. Also we didn’t experience any seizing of the plug in the cylinder head during the trial, thanks to the thread material and cut quality being improved massively! On the trial the new plug **easily met service targets without any engine down time** due to misfire.”*

James Morrish, Reactive Engineer Viridor, United Kingdom

*“After an extensive and lengthy test period with different industrial spark plug types in our Lek/Habo organization, we finally decided to use the new Bosch 7305 – 18mm spark plug on our Cummins QSV91 engines. **We demand that our spark plugs meet the highest quality standards.** Many of our Cummins engines are running full load 24/7 with high efficiency and low emissions. There is a great deal of exhaust gas resistance due to the implementation of special catalytic converters (SCR) for the utilization of CO₂ from engine exhaust gas that fertilizes the greenhouses. Lek/Habo always aims for **the greatest possible performance** during the lifetime of the spark plug in relation to its price. With the durability and reliability of the Bosch 7305 plug, **we achieved smooth service intervals, resulting in less engine down time and lower costs.**”*

Barry Lek, CEO Lek/Habo, The Netherlands

* For comparison purposes only

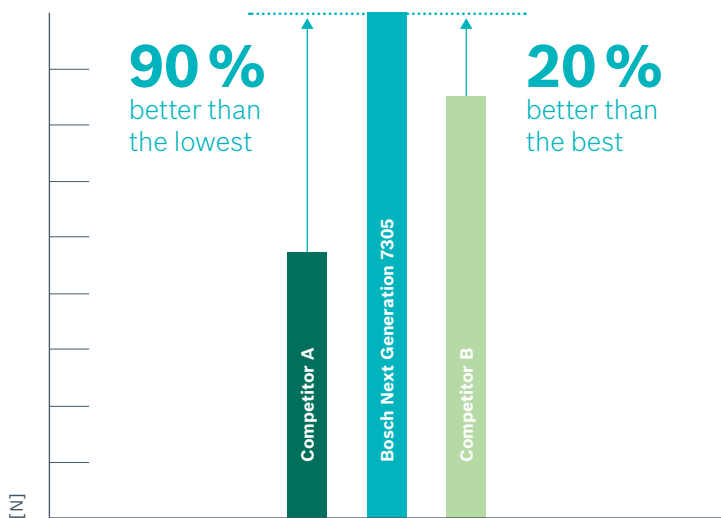
Next Generation 7305

Improved Features



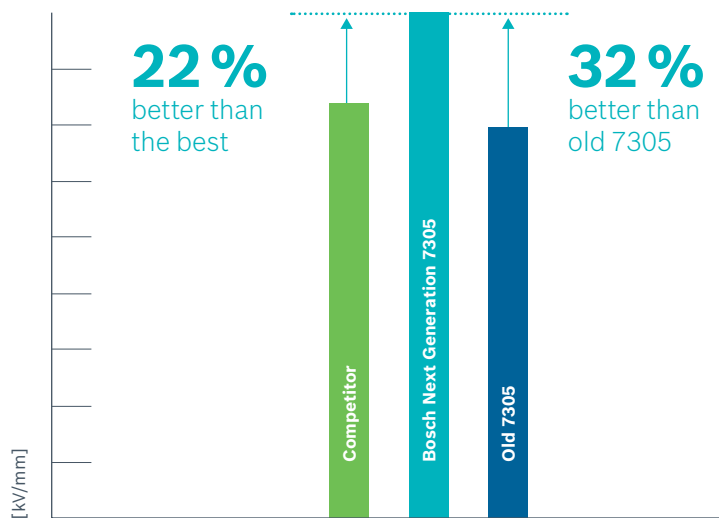
Enhanced robustness

1. Mechanical robustness



The Next Generation 7305 industrial spark plug from Bosch is designed to withstand the most extreme operating conditions and rough handling, setting a new benchmark.

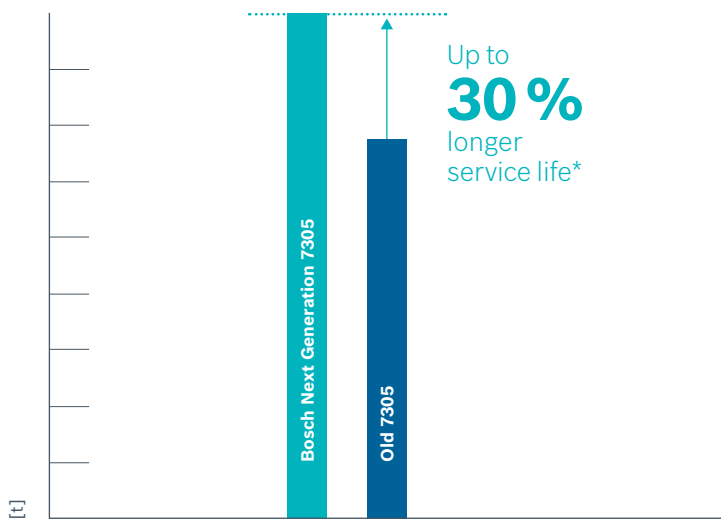
2. Dielectric strength



The Next Generation 7305 uses the best-in-class ceramic KM41. The KM41 with its reduced density and size of pores significantly improves the dielectric strength ensuring high breakdown voltage thereby making the Next Generation 7305 an ideal match for the most powerful engines on the market.



Extended service life



* On selected applications

The Next Generation 7305 is an engineering achievement with a host of new features and optimized design leading up to 30% improvement in lifetime. It is especially suited for engines running on biogas, landfill and other special gases where the operating environment is particularly harsh. Bosch, with over 114 years history in spark plug engineering, interweaves longevity, reliability and value for money like no other. Customers' testimony is proof of the above. Use the Next Generation 7305 to maximize your returns while enjoying peak performance from your engine.

Save on maintenance cost and downtime with the Bosch Next Generation 7305.

You can get original Bosch quality here: