

Spark Plugs & Accessories

FC86WWCC / FN85WWCC / FN86WWCC

FEDERAL-MOGUL® Industrial Spark Plugs

The new FEDERAL-MOGUL® spark plugs are specially designed for use in state-of-the-art engine applications with high peak cylinder pressures. Instead of an insulator nose as with conventional spark plugs, these new spark plug types have a unique u-shaped recess in the insulator.

The new design allows the use of larger electrodes, resulting in increased electrical and mechanical strength and service life. This design also allows more aggressive combustion scenarios with higher top cylinder pressures for increased engine efficiency to be implemented without reducing the service life of the spark plug.

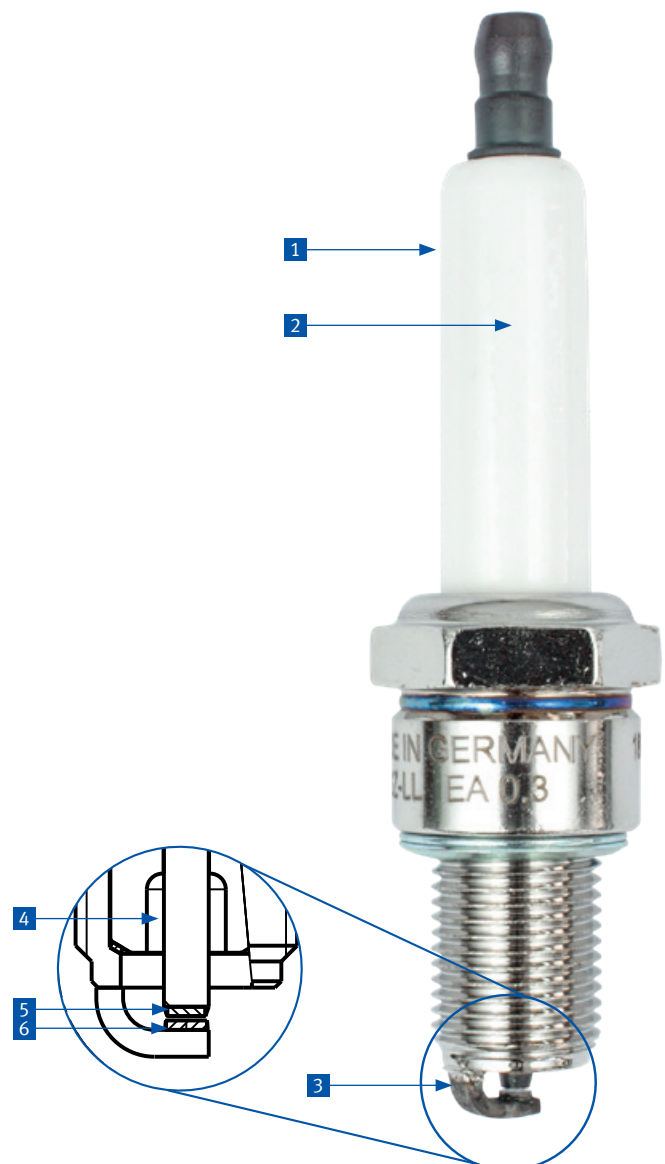


General Features

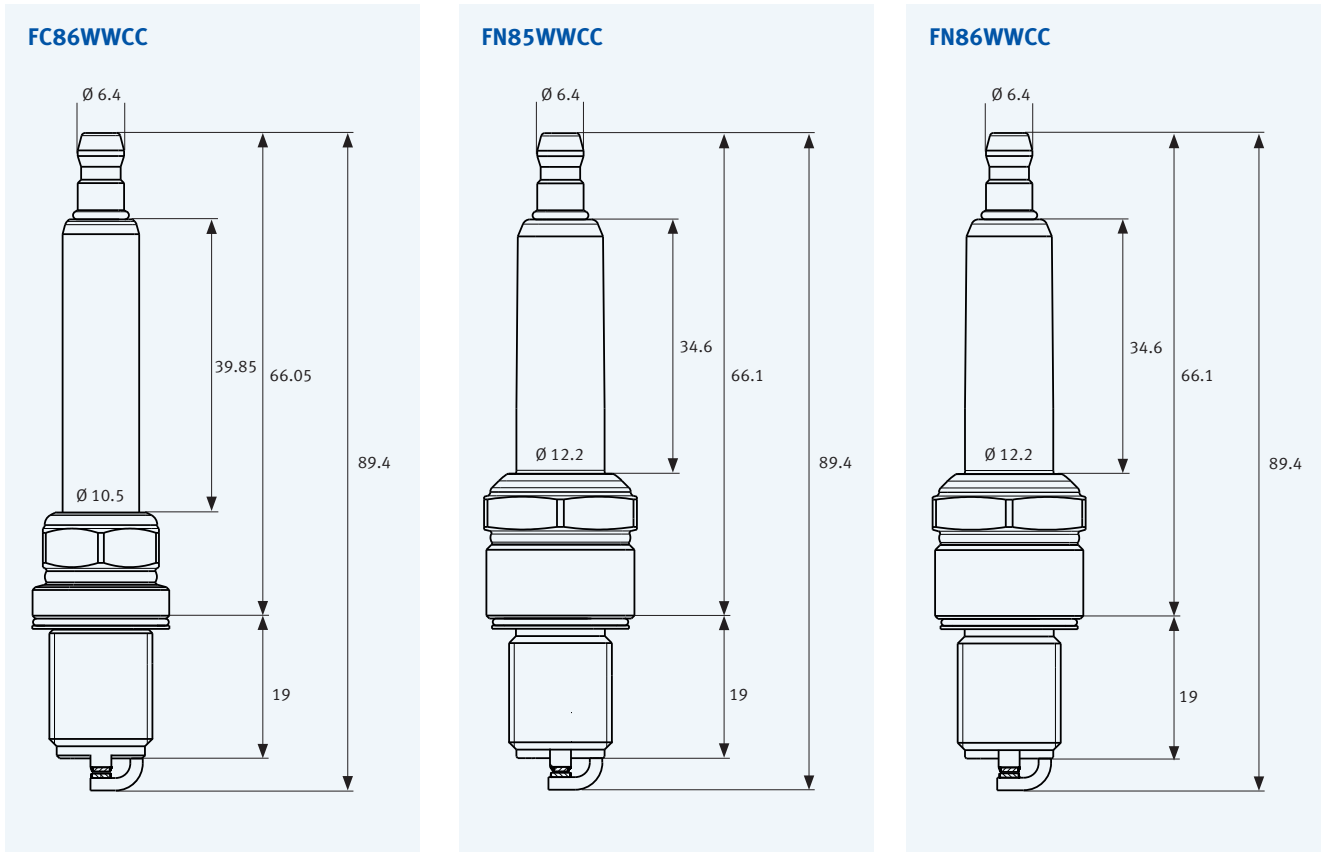
- Longer insulator design offers best flashover protection
- Hot lock technology ensures increased spark plug durability even in high compression engines
- Suppression of electromagnetic interference (EMI)
- The u-shaped recess around the center electrode increases the electrical and mechanical load capacity
- J-type electrode design for enhanced combustion
- Advanced spark erosion resistance
- Developed and manufactured in Germany

Key Features

- 1 Longer aluminum oxide ceramic insulator offers best flashover protection
- 2 Integrated stress resistant monolithic resistor suppresses electromagnetic interference (EMI)
- 3 J-type electrode design and use of higher erosion resistance materials
- 4 The u-shaped recess around the center electrode increases the electrical and mechanical load capacity and makes the use of an insulator nose unnecessary
- 5 Copper cored center electrode with laser welded Iridium alloy disc
- 6 Copper cored ground electrode with laser welded Iridium alloy disc



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Thread Size	Thread Reach	Alloy Center / Ground Electrode	Electrode Gap	HEX	Spark Plug Socket	Tightening Torque	Resistance Value	Typical Applications	Equivalent to
M14x1.25	19.0 mm (0.75 in)	Iridium / Iridium (Ir/Ir)	0.30 mm (0.012 in)	16.0 mm (5/8 in)	07.99.022-5-L	30 to 40 Nm (22 to 29 lb-ft)	3 to 12 kΩ	e.g. MAN® E08 series, E26 series	14GZ-LL-FR

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M14x1.25	19.0 mm (0.75 in)	Iridium / Iridium (Ir/Ir)	0.20 mm (0.008 in)	20.8 mm (13/16 in)	07.99.022-4-L	30 to 40 Nm (22 to 29 lb-ft)	3 to 12 kΩ	e.g. MAN® E2876 LE202, E32 series	14GZ-LL2

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