

# TIPS AND TRICKS

## Spark Plugs



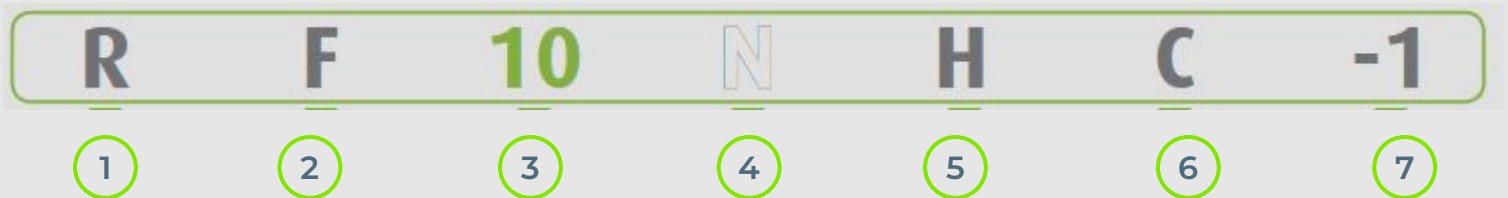
**Vehicle**

All Gasoline engines

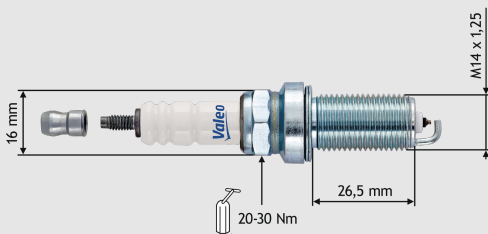
### Spark plugs identification

The identification for the spark plugs is made by technical code to identify the characteristic of the plugs such as dimensions, material, electrode gap and other information.

For example code: RF10HC-1



1 The 1st character refer to the **resistor** if it equipped or not, if the first character is not defined that's mean there is no resistor.



2 The 2nd character is for the dimensions referring to the **Spark plug dimension table\***



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3

The 3rd character is mentioning to determine the heat index, as shown on the scale from 8 to 16 the 8 is **coldest** and 16 is **hottest**.

	(Y) mm
A	16
B	16
C	16
D	16
E	16
F	16
L	21
M	14
N	21
Q	16
R	16

4

The 4th character is related to the thread diameter as shown in the **table**.



5

The 5th character for the projection insulation type.

T	2D	no letter	L	H	C/CH	PH	IR
3 earth electrodes	2 earth electrodes	Nose projection 0,5 to 2,7 mm	Nose projection 2,7 to 3,8 mm	Nose projection 3,8 mm and more	Nickel earth electrode	Nickel Yttrium earth electrode	Yttrium Copper earth electrode



6 The 6th character is the material of electrode

no letter	C	IR	P	C	Y/CH
Electrode centrale Nickel	Electrode centrale Cuivre	Electrode centrale Iridium Cuivre	Electrode centrale Platine	Electrode centrale Argent	Electrode centrale Yttrium Cuivre

7 The 7th character is measuring the gap of electrode.



	(gap) mm
-1	1-1.1
-3	1.3
-9	0.9

### Spark plugs dimensions\*



	W	X	Y
A	M10 x 1.00	19 mm	16 mm
B	M12 x 1.25	19 mm	16 mm
C	M14 x 1.25	17,5 mm	16 mm
D	M14 x 1.25	19 mm	16 mm
E	M14 x 1.25	26,5 mm	16 mm
F	M14 x 1.25	19 mm	16 mm
L	M14 x 1.25	19 mm	21 mm
M	M12 x 1.25	26,5 mm	14 mm
N	M14 x 1.25	12,7 mm	21 mm
Q	M12 x 1.25	26,5 mm	16 mm
R	M14 x 1.25	25 mm	16 mm



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