

Symbols used on spark plugs

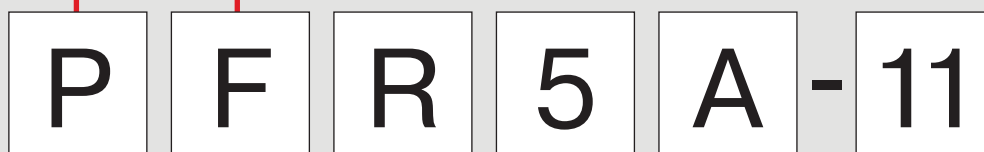
Thread dimensions / Hex. size		Structur		Resistor		Heat Rating	
A	18mm / 25.4	P	Projecting insulator type	R	Resistor	2	
B	14mm / 20.8	M	Small spark plug	Z	Inductive resistor type	4	
C	10mm / 16.0	U	Surface gap, Semi-surface discharge gap or Supplementary gap			5	
D	12mm / 18.0					6	
E	8mm / 13.0	7					
AB	18mm / 20.8	8					
BC	14mm / 16.0	9					
BK	14mm / 16.0	10					
DC	12mm / 16.0						

B P R 5 E S - 11

Thread length		Design features		Spark gap	
E	19.0 mm	B	Integral terminal CR8EB	None	motorcycle:0.7-0.8 mm car:0.8-0.9 mm
EH	19.0 mm, half-thread	CM	Oblique ground electrode Compact type (insulator length: 18.5 mm)	-8	0.8 mm
H	12.7 mm	CS	Oblique ground electrode Compact type (insulator length: 18.5 mm)	-9	0.9mm
L	11.2 mm	G, GV	Racing spark plug	-10	1.0mm
F	Tapered-seat type A-F---10.9 mm B-F---11.2 mm B-EF--17.5 mm BM-F --7.8 mm	I	Iridium spark plug	-11	1.1mm
		IX	Iridium IX spark plug	-13	1.3mm
		J	2-projecting-electrode	-14	1.4mm
		K	2-ground-electrode	-15	1.5mm
		-L	Medium heat rating		
None	Bantam type BM---9.5 mm BPM--9.5 mm CM---9.5 mm	-LM	Compact type (insulator length: 14.5mm)		
		N	Special ground electrode	-S	Special gasket
		P	Platinum spark plug	-E	Special resistance
		Q	4-ground-electrode		
		S	Standard type		
		T	3-ground-electrode		
		U	Semi-surface discharge gap		
		VX	VX spark plug		
		Y	V-grooved center electrode		
		Z	Special design		

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Plug Type		Thread dimensions / Hex. size				
D	High ignitability plug : Double fine electrodes	KA	Ø12.0	19.0mm	Dichtring	14,0
I	Iridium spark plug	KB	Ø12.0	19.0 mm	Gasket	Bi-Hex 14.0
L	Long thread reach plug	MA	Ø10.0	19.0 mm	Gasket	14,0
P	Platinum spark plug	NA	Ø12.0	17.5 mm	Tapered-seat	14,0
S	High ignitability plug : Square tip type	F	Ø14.0	19.0 mm	Gasket	16,0
Z	Extended Gap	G	Ø14.0	19.0 mm	Gasket	20,8
Above alphabets are occasionally used in combination. Ex. ILFR..., PLZFR... "L", long thread reach, is prior to other letters which stand for thread reach. Ex. • Gasket type FR5AP-11;reach 19.0mm LFR5AP-11;reach 26.5mm • Tapered-seat type PTR5C-13;reach 17.5mm PLTR6A-10G;reach 25.0mm		J	Ø12.0	19.0 mm	Gasket	18,0
		K	Ø12.0	19.0 mm	Gasket	16,0
		L	Ø10.0	12.7 mm	Gasket	16,0
		M	Ø10.0	19.0 mm	Gasket	16,0
		T	Ø14.0	17.5 mm	Tapered-seat	16,0
		U	Ø14.0	11.2 mm	Tapered-seat	16,0
		W	Ø18.0	10.9 mm	Tapered-seat	20,8
		X	Ø14.0	9.5 mm	Gasket	20,8
		Y	Ø14.0	11.2 mm	Tapered-seat	16,0



Resistor		Heat Rating		Design		Spark gap	
R	Resistor	2	<p>Hot type</p> <p>Cold type</p>	A,B,C... Suffix code		None	motorcycle:0.7-0.8mm car:0.8-0.9mm
		4		- 7	0.7mm		
		5		- 9	0.9mm		
		6		I	One-side Iridium spark plug	-10	1.0mm
		7		P	One-side Platinum spark plug	-11	1.1mm
		8				-13	1.3mm
		9				-14	1.4mm
		10				-15	1.5mm
						-A	Non gasket
						-D	Metal shell plating spec change
					-E	Special resistance	
					-G	Copper core ground electrode	
					-H	Special thread type	
					-J	2-ground-electrode	
					-K	Vibration-resistant ground electrode	
					-N	Special ground electrode	
					-Q	4-ground-electrode	
					-S	Special gasket	
					-T	3-ground-electrode	