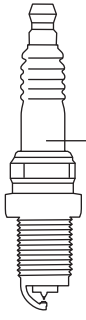


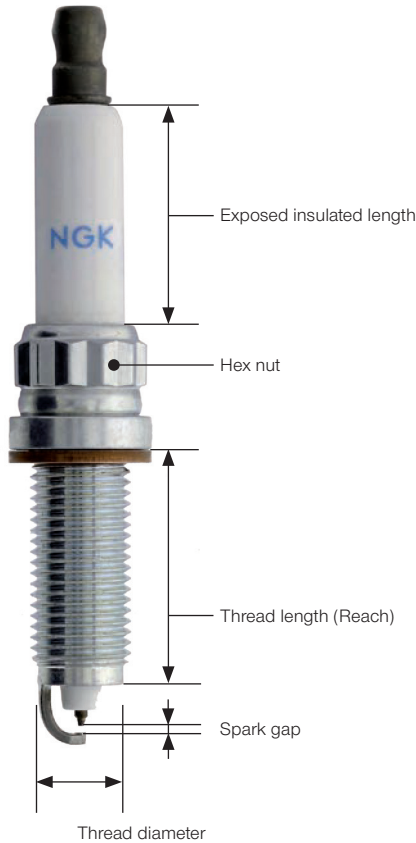
Symbols used on spark plugs



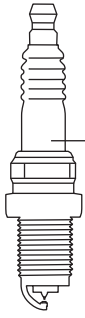
B P R 5 E S - 11

Unit : mm

B			P		R		5		E		S		-11			
	Thread size	Hex size	Structure		Resistor		Heat rating		Thread length		Design features		Spark gap			
A	∅ 18.0	Hex 25.4	P	Projected insulator type	R	Resistor	2	<p>Hot type</p> <p>Cold type</p>	E	19.0	B	Integral terminal (CR8EB)	None	Motorcycle :	0.7~0.8	
B	∅ 14.0	Hex 20.8			Z	Inductive resistor type	4		Car :	0.8~0.9						
BC	∅ 14.0	Hex 16.0	M	Small spark plug		5			EH	19.0 half-thread	CM	Slant ground electrode Compact type (Exposed insulator length: 18.5)	-8	0.8		
BK	∅ 14.0	Hex 16.0				6			H	12.7		CS		Slant ground electrode	-9	0.9
C	∅ 10.0	Hex 16.0	U	Surface gap, Semi-surface discharge gap or Supplementary gap		7					L	11.2	G,GV	Racing spark plug	-10	1.0
D	∅ 12.0	Hex 18.0				8					None	Tapered seat type A(P)-F : 10.9 B(P)-F : 11.2 BM(P)-F : 7.8	I	Iridium central electrode	-11	1.1
DC	∅ 12.0	Hex 16.0				9										
E	∅ 8.0	Hex 13.0				10					-LM	Compact type (Insulator length: 14.5)	J	2-projecting-ground electrodes	-15	1.5
<p>* Exception B(P)M-A, Y : ∅ 14.0, Hex 19.0 P(P)-(E)F : ∅ 14.0, Hex 16.0 CM-6 : ∅ 10.0, Hex 14.0</p> <p>BC : Old JIS standard size The length from gasket circuit to terminal contact is 53.0mm.</p> <p>BK : ISO / JIS standard size The length from gasket circuit to terminal contact is 50.5mm.</p>																
													-S	Special gasket		
														-E	Special resistance	
													IX-P	Iridium MAX plug		
													LPG 1-8	LaserLine spark plug range for gas engine use		
													Q	4-ground-electrodes		
													S	Standard type		
													T	3-ground-electrodes		
													U	Semi-surface discharge gap		
													Y	V-grooved center electrode		
													Z	Special design		



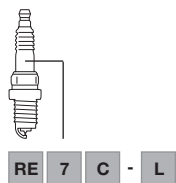
Symbols used on spark plugs



P F R 5 A - 11

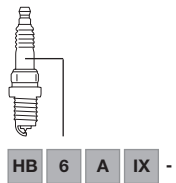
Unit : mm

P		F				R		5		A		-11					
Plug type		Thread diameter	Thread length	Seat configuration	Hex size	Resistor		Heat rating		Design		Spark gap					
DI	High ignitability plug: Double fine electrodes	F	14.0	19.0	Gasket	Hex 16.0	R	Resistor	2	Hot type 	A,B,C... Suffix code		None	Motorcycle : 0.7-0.8			
		FE	14.0	19.0	Gasket	Hex 16.0			4		Car : 0.8-0.9						
I	Double iridium spark plug	G	14.0	19.0	Gasket	Hex 20.8			5					-7	0.7		
L	Long thread reach plug	J	12.0	19.0	Gasket	Hex 18.0			6						-9	0.9	
P	Double platinum spark plug	K	12.0	19.0	Gasket	Hex 16.0			7				I	Iridium central electrode	-10	1.0	
S	High ignitability plug : thin square tip type	KA	12.0	19.0	Gasket	Hex 14.0			8				IX	Iridium IX spark plug	-11	1.1	
		KB	12.0	19.0	Gasket	Bi-Hex 14.0 (Bi-hexagonal *)			9						P	Platinum central electrode	-13
Z	Projected firing end								10						-15	1.5	
Above alphabets are occasionally used in combination <Example>ILFR..., PLZFR..., When „L“ is included, priority is given to „L“ (long reach) in thread length. <Example> * Gasket type FR5AP : Thread length 19.0mm ↓ LFR5AP-11 : Thread length 26.5mm * Tapered seat type PTR5C-13 : Thread length 17.5mm ↓ PLTR6A-10G : Thread length 25.0mm		KE	12.0	19.0	Gasket	Hex 16.0									-A	Non gasket	
		KF	12.0	19.0	Gasket	Hex 14.0									-D	Metal shell : nickel plating	
		KG	12.0	19.0	Gasket	Bi-Hex 14.0 (Bi-hexagonal *)							-E	Special resistance			
		L	10.0	12.7	Gasket	Hex 16.0							-G	Copper cored ground electrode			
		M	10.0	19.0	Gasket	Hex 16.0							-H	Special thread shape			
		MA	10.0	19.0	Gasket	Hex 14.0							-J	2 ground-electrode			
		MF	10.0	19.0	Gasket	Hex 14.0							-K	Vibration-resistance ground electrode			
		NA	12.0	17.5	Tapered seat	Hex 14.0							-N	Special ground electrode			
		T	14.0	17.5	Tapered seat	Hex 16.0							-Q	4-ground-electrode			
		U	14.0	11.2	Tapered seat	Hex 16.0							-S	Special gasket			
		W	18.0	10.9	Tapered seat	Hex 20.8							-T	3-ground-electrode			
		X	14.0	9.5	Gasket	Hex 20.8							-U	Semi-surface discharge type			
		Y	14.0	11.2	Tapered seat	Hex 16.0							IX-P	Iridium MAX plug			
		*Exception TR5A-10, TR5A-13, TR5B-13, TR6B-10, TR6B-13, PTR5A-10, PTR5A-13 : Thread length 25.0mm				Bi-hexagonal 							LPG 1-8	LaserLine spark plugs range for gas engines			
		*Bi-hexagonal socket is necessary.				Hexagonal 											
		*FE, KE, KF, KG, MF : Longer exposed insulator length type															



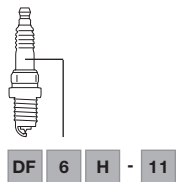
RE 7 C - L

RE		7		C		-L		
Plug type		Heat rating		Design		Spark gap		
RE	Plug for rotary engines	5	Hot type 	A,B,C...-Suffix code		-L	Leading side	
SD	Plug for rotary engines (Semi-surface discharge gap)	6		7			-T	Trailing side
		8						
		9						
		10						
		11						
		Cold type						



HB 6 A IX - 11 P

HB		6		A				IX		-11		P	
Plug type		Heat rating		Thread diameter	Thread length	Seat configuration	Hex size			Spark gap			
HB	HYBD (3-ground-electrode hybrid type)	4	Hot type 	A	14.0	20.5	Gasket	Hex 16.0	IX	-8	0.8		
		5		B	14.0	19.0	Gasket	Hex 16.0		-9	0.9		
		6						-10		1.0			
		7						-11		1.1			
		Cold type								-13	1.3		



DF 6 H - 11 A

DF		6		H				-11		A	
Plug type		Heat rating		Thread diameter	Thread length	Seat configuration	Hex size	Spark gap			
DF	High ignitability plug (Double fine electrodes)	4	Hot type 	A	14.0	19.0	Gasket	Hex 16.0	-8	0.8	A,B,C... Suffix code
		5		B	14.0	26.5	Gasket	Hex 16.0	-9	0.9	
DFH	High ignitability plug (DF + Hybrid type)	6		C	12.0	26.5	Gasket	Hex 14.0	-10	1.0	
		7		*DF6H-11A : Thread length 28.0mm				-11	1.1		
		8						-13	1.3		
		Cold type						-15	1.5		