

Iridium Racing | Choosing a Racing Plug

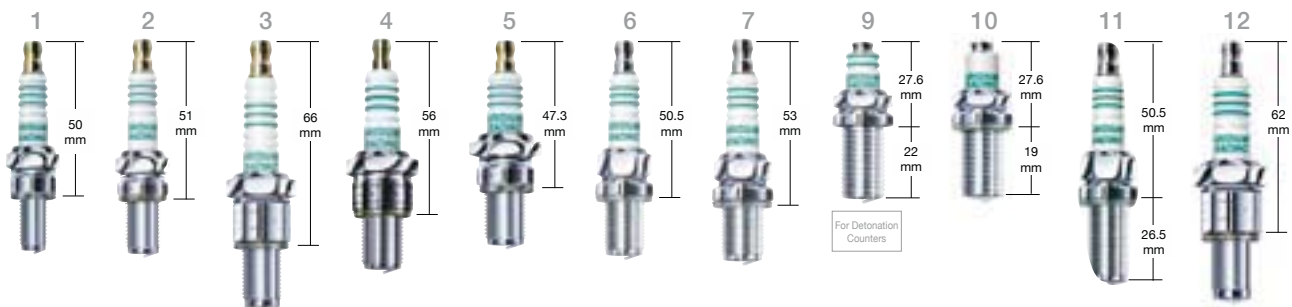
THE RIGHT SHAPE FOR YOUR NEEDS


Iridium Racing plugs are ideal for racing and tuned-up engines. Because racing engines do not have standard specifications it is important to select the appropriate plug type.

The following table indicates which racing spark plug will meet your specific requirements. Choose one based on the heat range of the standard plug or Iridium Power plugs currently being used, and that already suits the car's level of tuning. It is also essential to check the overall shape when choosing the right racing plug.

Generally, electrodes that project into the combustion chamber have better ignitability and better performance. However, because of more exposure to high temperature combustion gases and as the ground electrode becomes longer, heat resistance and durability decrease. The higher the level of tuning, the greater the need to use a less projecting type. As the level of tuning increases, so does the need for a higher heat range.

OVERALL SHAPE



 Warning: On choosing the right racing plug check the overall shape

ELECTRODE SHAPE



TYPE (heat range)	TYPE	FIGURE ELECTRODE	CROSS REFERENCE
IU01-□	U-E	1 A	R0373A, R0379A, R016
RU01-□	U-E (SURFACE)	1 C	R0045J, R0045Q
IXU01-□	XU-E	2 A	R216, R2525
IRE01-□	ROTARY ENGINE	3 B	R6725
IW01-□	W-E	4 A	R6385P, R7376, R6918B
IW06-□	W-E (NON RESISTOR)	4 A	B-EGP, R4630A
IWM01-□	W-EM	5 A	R5184, R6179AP
IK01-□	ISO (SLANT ELECTRODE)	6 A	R7116, R7117
IK02-□	ISO (STRAIGHT ELECTRODE)	6 B	R7279, R7118, R7119
IQ01-□	SLANT ELECTRODE	7 A	R7236, R7237
IQ02-□	STRAIGHT ELECTRODE	7 B	R7238, R7239
IA01-□	W/ DETONATION COUNTER	8 A	R7282A, R6120A
IAE01-□	W/O DETONATION COUNTER	9 A	R7282, R6120
IKH01-□	K (LONG REACH)	10 A	R7438
IRL01-□	ROTARY ENGINE RX8	11 A	R7440A-L
IRT01-□	ROTARY ENGINE RX8	12 A	R7440B-T

RU01 are surface gap plugs – do not have Iridium centre electrodes and all-platinum ground electrodes

Identifying Iridium Racing

(Stamped into the center of the housing)

I	W	0	1	27	
Variety	Thread size	Intermediate number (overall size)	Intermediate number* (electrode shape)	Heat range	
I R	Iridium		1 Oblique ground electrode or surface gap plug 2 Flat ground electrode 3 Oblique ground electrode and resistor-less plug	24 27 29 31 32 34 35	
	Surface gap				
	U				10mm
	XU				12mm
	RE				14mm
	RL				14mm
	RT				14mm
	W				14mm
	WM				14mm
	K				14mm
	Q				14mm
A	14mm				
AE	14mm				
KH	14mm				

*Exception: IRE001 has a flat ground electrode.