

パワーに差が出る Iridium POWER

DENSO is a comprehensive manufacturer of automotive parts and has developed many new products. In particular, in the case of spark plugs, the Wide U

The world's highest level of technology, including plugs and platinum plugs with a long life of 83 years. We have continued to offer it inside.

Furthermore, in April 1997, in response to the recent needs for high output, low fuel consumption and low pollution, in order to achieve this, we developed the world's first long-life iridium plug for automobiles.

-We have begun deliveries to manufacturers.

In April 1998, we applied this technology to develop the world's first, smallest, long and extremely thin Adopted 0.4mm diameter iridium center electrode **IRIDIUM POWER**

Developed for tuning up 4-wheel vehicles, and uses 0.4mm iridium electrodes

Unmatched high performance and amazing performance with DENSO's patented new iridium alloy its durability has caused a sensation in the tuning industry.

This plug offers a feeling of acceleration never before seen in other plugs, and we want our users to experience it too. The moment came when you could say this.

Now, you too can try **IRIDIUM POWER**

Please enjoy.

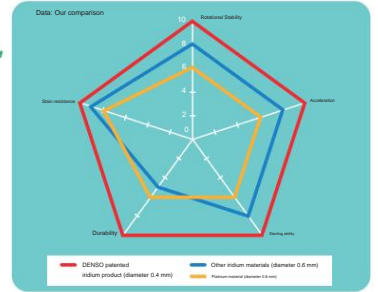
0.4mm Iridium POWER BEST!
 With various performance

DENSO thoroughly evaluates the performance required for motorcycle plugs. **IRIDIUM POWER** These performances are reflected in the design specifications. These are stability, acceleration, starting, durability and resistance to dirt.

IRIDIUM POWER In terms of rotation resistance with thickness of 0.6 mm or more in all aspects. DENSO's unique patented new iridium alloy makes 0.4mm electrodes possible.

DENSO pursues not only the best balance but also the best of all performance.

(Japan Patents: 2877035, 2021524, 3000955, US Patents: 5977856, UK Patent: 2302587)



0.4mm is only available at DENSO!

IRIDIUM POWER The world's first 0.4mm iridium center electrode

By adopting this, it exhibits the highest level of ignition and low spark voltage, and has high acceleration and acceleration response, rotational stability, low fuel consumption, and other characteristics of your beloved car. It brings out the best to your performance.

On the circuit, it offers smooth acceleration and quick throttle response.

Power will help you win and the driving scene will be like never before.

This provides a comfortable long drive and low fuel consumption.

TAPERED CUT
 Tapered cut ground electrode (TAPERED CUT)
 The tip of the ground electrode is cut into a tapered shape. This reduces the resistance to the spark voltage. In addition, the tip is closer to a spherulitic shape. The shape of the valve makes the flame flow smoothly. This ensures stable ignition.
 <All types>

U-GROOVE ELECTRODE
 U-groove ground electrode (U-GROOVE)
 A circular groove is provided on the side of the ground electrode. This is a large spatial volume necessary for oxidation. When expanding the spark gap, the spark voltage remains low. It also provides excellent ignition performance.
 <All types>

Insulator Project
 Optimize your resistor project by heat value. Design and coating with low heat value plug and thermal value of high thermal value plug. Meet requirements to heat value.
 <All types>

0.4mm Iridium center electrode
 Ultra-fine Iridium center electrode
 Ultra-high melting point material "Pure Iridium alloy" by using this, the tip of the center electrode is made ultra-fine. Iridium alloy voltage and greatly improves ignition performance. It also has high durability.
 In addition, the iridium alloy used is Denso's own specially developed. It is used in DENSO's and the UK (DENSO) is a patented product.
 <All types>

Center electrode protrusion amount
 Standard type center electrode for improved ignition. This makes the acceleration.
 This improves response and acceleration.
 <All types>

Full circumference laser welding
 The iridium tip is highly reliable and can withstand any harsh driving conditions. "Zirconia welding" is used. <All types>

Nickel plating
 For use in housing and mating plugs. High gloss nickel plating is used.
 For use in case. High corrosion resistance. Tearing in the daytime, molasses riding. Not designed to be rust resistant. (Including heat value types)

High corrosion resistance and gloss

5 kJ
 Highly reliable resistor built-in
IRIDIUM POWER All types 5kJ
 Regular specifications. Highly reliable. Rust-resistant resistor.
 Prevents noise from reaching the equipment. <All types>

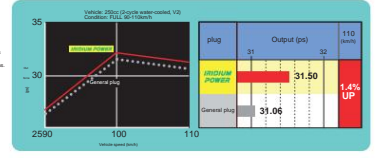
Terminal type
 Compatible with most plug cords worldwide. Match the terminal cut on that. The terminal is not necessary. Please consult your vehicle for this product. <All types>

Improved combustion for better output UP!

IRIDIUM POWER It has low spark voltage and high ignition performance, and is suitable for various. This reduces misfire and ignition errors in the optimum operating range, resulting in significantly improved combustion conditions. As a result, the engine output increases.

IRIDIUM POWER The output increase due to the improved combustion effect of the motorcycle engine. The graph on the right shows the results of bench measurements.

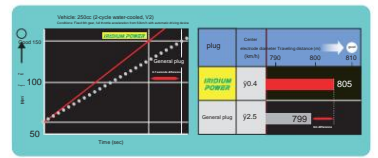
At 110km/h, power output has increased by 5.5ps (1.4%).



High ignition performance and acceleration UP!

IRIDIUM POWER The difference in performance is most evident in acceleration. **IRIDIUM POWER** The 0.4mm iridium center electrode and specially shaped contact. The ground electrode achieves unprecedented high ignition performance and low spark voltage. Therefore, there is a possibility of misfire in the high spark voltage range and of the in the difficult-to-ignite range. It has less misfire and enables highly responsive operation under various conditions.

As a result, acceleration is improved compared to when standard plugs are used.



Power in a variety of driving ranges UP!

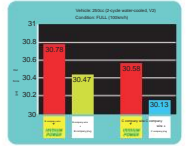
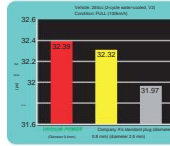
IRIDIUM POWER The power generated by the 0.4mm center electrode is superior to other plugs. The graph on the right shows the performance of **IRIDIUM POWER** and other high performance plugs. This is a graph comparing the power increase when the Iridium 0.4mm electrode, it provides more power than 0.6mm or 2.0mm plugs.

This difference in power will result in a difference in acceleration and will be reflected in the time.

High-performance wire 相性抜群!

IRIDIUM POWER It also works best with the popular high performance wire. The graph on the right shows the output measured with two types of high-performance wire attached. The results of the test are "high performance wire" and "standard wire".

The "Star" **IRIDIUM POWER** Power your car with various engine settings. It will be updated.



DENSO Iridium Spark Plugs Quick Reference

Heat value	Iridium Power		Iridium Tough		Iridium Racing			Adaptation			
	Model	Base price	Model	Body price	Diagonal ground	Horizontal ground	Body price	Manufacturer	Engine model	Vehicle name	Nissan
#5	IQ16	price	VQ16	1,800						RB26DETT	Skyline
#6	IQ20	1,500	VQ20	1,800						RB20DE(T)	Skyline Celica,
#7	IQ22	1,500	VQ22	2,200						Toyota 4AG (Z)	MRy, AE86
#8	IQ24	2,000			IQ01-24	IQ02-24	3,200			7MG	Soarer, Mark II, Supra
#9	IQ27	2,000			IQ01-27	IQ02-27	3,200			1G-G	Soarer, Mark II, Supra
#10	IQ31	2,000			IQ01-31	IQ02-31	3,200				
#11	IQ34	2,000 2,000									
#5	IK16	1,500	VK16	1,800						Nissan RB26DETT	Skyline
#6	IK20	1,500	VK20	1,800						SR20DE(T)	Silvia, 180SX
#7	IK22	2,000	VK22	2,200						Toyota 3SG	Altezza, MRy
#8	IK24	2,000			IK01-24	IK02-24	3,200			1JZ, 2JZ	Soarer, Marky, Supra
#9	IK27	2,000			IK01-27	IK02-27	3,200			Honda B18	Integra(R)
#10	IK31	2,000			IK01-31	IK02-31	3,200			B16	Civic
#11	IK34	2,000								Subaru EJ20	Legacy, Impreza
#5	IW16	1,500	VW16	1,800						Nissan L20-L28	GC10, S30, S130
#6	IW20	1,500	VW20	1,800						L14/L18	510 Bluebird
#7	IW22	1,500	VW22	1,800						Z18, Z20	910 Bluebird
#8	IW24	2,000			IW01-24		3,200			A12Y/A15	B110y310 Sunny
#9	IW27	2,000			IW01-27		3,200			FJ20E(T)	DR30 Skyline
#9.5	IW29	2,000			IW01-29		3,200			Toyota 3K, 4K	KP47y61 Starlet
#10	IW31	2,000			IW01-31		3,200			2TG, 18RG	TE, TA, RA Celica Corolla
#11	IW34	2,000			IW01-34		3,200			Mitsubishi 4G63	Lancer (Evo I to V I)
#9					IRE01-27		3,200			Mazda 12A	Savanna (SA22C)
#10					IRE01-31		3,200			13B (Turbo)	Savanna (FC3S)
#10.5					IRE01-32		3,200				
#11					IRE01-34		3,200				Savanna (FD3S)

