

DENSO

SPARK PLUGS CATALOGUE

2023

Data up to
October,
2022



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DENSO spark plugs 



DENSO Spark Plugs Website

<https://www.denso.com/global/en/products-and-services/automotive-service-parts-and-accessories/plug/>

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Be Sure to Read Through These Warnings and Precautions

IN NO EVENT SHALL DENSO BE LIABLE FOR ANY LOSSES, EXPENSES OR DAMAGES WHATSOEVER RESULTING FROM ANY OF THE FOLLOWINGS;

- FAILURE TO COMPLY WITH THE WARNING OR PRECAUTIONS DESCRIBED IN THIS CATALOGUE AND WEBSITE,
- ANY USES OTHER THAN THE APPLICABLE USE DESCRIBED IN THIS CATALOGUE AND WEBSITE, and
- ANY TROUBLE NOT ATTRIBUTABLE TO DENSO SPARK PLUGS.

※"Spark plugs" means any type of DENSO's spark plugs, including but not limited to Iridium Power, Iridium TT, Iridium Racing, Iridium Plus, Iridium Saver, Iridium Tough, Iridium Long Life, Double Platinum, U-Groove, Resistor, Standard, Nickel TT, Platinum TT, Two-Tops.



WARNING (Prohibited Usage)

Be sure to turn off the engine and disconnect the battery or power source before replacing or adjusting the plugs. Failure to heed this warning may result in a fire, an electric shock and/or bodily harm.

- Never use DENSO spark plugs in the engines for any aircraft, including airplanes, helicopters, gliders and drones. The DENSO spark plugs sold are not designed and manufactured for any aircraft: use may result in a plane crash or other accidents due to engine malfunction.
- Never use DENSO spark plugs, listed in this catalogue or website, in the engines for generator and gas heat pump air conditioning system or co-generation, except DENSO spark plugs specially designed for such use. The DENSO spark plugs we sell are not designed and manufactured for such use, so that such use may result in accidents, including power generation stop or heat generation stop. A separate catalogue for DENSO spark plugs specifically designed for co-generation is available for limited regions. Please contact your DENSO representative for more information.
- Never use DENSO spark plugs for gas burner ignition. The DENSO spark plugs we sell are not designed and manufactured for such use, so that such use may result in ignition failure or equipment damage due to overheating.
- Use genuine spark plugs for special applications such as ambulances, police cars, emergency vehicles, and others.



Spark Plug Handling Precautions

- Carefully read the instructions and precautions on the package, catalogue and website.
- Do not drop spark plugs. This may cause the spark plug to crack internally or the gap to be narrowed, preventing it from functioning correctly.



Precautions for Tuning and Modified Vehicles

- DENSO will not bear any responsibility whatsoever for any trouble arising from mechanically or electronically modified engines or vehicles.
- It is the user's judgement and responsibility to check the specifications required for modified engines or any engines or vehicles those are not listed in DENSO spark plugs catalogue and website, which includes and not limited to, gapping, heat ranges, reach, projection, and/or clearances with valves and/or pistons.



Catalogue & Website Precautions

- Precautions for cross reference and product tables listing other manufacturer's spark plugs:
 - ◆ Use for reference only. Table does not guarantee the performance of spark plugs when installed in the vehicles even plug was specified in cross references. Always check the applications section for DENSO recommended spark plugs.
 - ◆ The spark plug specifications (construction, material, etc.) differ by manufacturers.
 - ◆ Select a suitable type of spark plug from the vehicle application table. If not listed on the table, please check with your regional DENSO Representative.
- The contents of the catalogue and website are updated on a regular basis, however, the information and data may change after updating or publishing. Please note that this catalogue and website does not include models that will be release after last updating or publishing.
- Consumption tax and installation fees are not included in the price of the product.
- Some spark plugs on this catalogue and website are manufacturer's genuine parts and reference only. Those cannot be sold directly from DENSO. Please contact your regional DENSO representative for further assistance.
- The appearance and specifications of the product are subject to change without prior notice.
- The images of spark plugs indicated in the catalogue and website are conceptual diagrams, and sometimes differ from the actual products.
- Data given in this catalogue are those as of October 2022. The information and data may change after updating or publishing. Please note that this catalogue does not include models that will be release after that.



Precautions for Selecting Spark Plugs

Select appropriate spark plugs with the correct dimensions and heat range by checking vehicle manual, maintenance manual and this catalogue's or websites' application table.

Spark Plug Selection Know-How

Normal Vehicle

- Use standard heat range plugs. However, if you often drive at low speeds or short distances and the carbon fouling recurs, you might be able to avoid carbon fouling by selecting a low heat range spark plug.
- Do not use a non-register type spark plug for a model specified a register type spark plug (spark plug with resistance). Noise associated by spark discharge may cause engine trouble.
- If the extended type spark plugs (J, QJ, KJ, PKJ, SKJ, VKJ, TJ, etc.) are installed to any other designated engine, it will interfere with valves and pistons and may damage the engine and plug.

Select the Optimum Heat Range

Heat Range	Applications
31	Prevent plug overheating
27	
24	
22	
20	Prevent carbon fouling/oil fouling

Low ← Tuning Level → High

Tuning or Modified Vehicle

- If the engine is modified, or if the tuning or modified vehicle uses an aftermarket muffler, ignition coil, plug cord, turbo installation, electronic ignition system, NOS (*), etc., the heat range of the spark plug must be increased according to the level of tuning. If the spark plug is not selected correctly, the vehicle may be damaged by carbon fouling, oil fouling or pre-ignition (the natural phenomenon of spontaneous combustion occurring faster than spark plug ignition), etc.
- (*) NOS: a device that increases engine power by injecting nitrous oxide with gasoline into the air intake
- Select the heat range at your own discretion and responsibility when using the spark plugs in a tuning or modified vehicle.

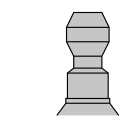
When Using Iridium Racing Plugs

- Iridium Racing plugs are intended for racing and also for tuning up. Select the heat range of the spark plugs according to the tuning level, based on the heat range of the standard spark plugs or Iridium Power plugs.
- Generally, a plug that protrudes into the combustion chamber has superior ignition performance, resulting in improved engine performance. On the other hand, this type of plug is more susceptible to exposure to hot combustion gases and the longer ground electrode makes it less heat-resistant and durable. Therefore, the higher the level of tuning, the greater the need to use a type with recessed electrodes.
- Generally, the higher the level of tuning, the greater the need for high-heat range spark plugs.
- Use of Iridium Racing plug is at your own discretion and responsibility.

Use of Spark Plug with Terminal Nut

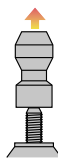
Using a spark plug with a terminal nut with the terminal nut loose may cause engine malfunction. When using a spark plug with a part number marked "R" alongside "Terminal Shape" or "NUT" and a terminal nut attached, securely tighten the nut by using pliers or the like. For spark plugs with part numbers marked "RC" alongside "Terminal Shape" or "NUT," the terminal nut is caulked and does not loosen under normal use. However, it may loosen in rare occasions when the engine and or plug cord vibrates intensely. If such a situation is expected, inspect the nut regularly and if it is loose, tighten it again securely.

S: Solid (Integrated Type)



The terminal nut cannot be removed.

R: Nut Type (Not Caulked)



The terminal nut can be easily removed

RC: Nut Type (Caulked)



The terminal nut can be removed by using pliers or the like.

T: Screw Type



No terminal nut.



Precautions for Installing Spark Plugs

Recommended Torque and Tightening Angle

It is necessary to install the plugs in the engine using the correct torque.

- Too low torque: may cause damage to the engine and the plugs due to leakage of combustion gas or vibration.
- Too high torque: may cause airtight leakage or break of the mounting screws due to the caulking of the insulator and housing become loosened.

Thread Size	Applicable Models	Recommended Torque	Recommended Tightening Angle	
			New Plug	Previously Used
M 8	All Types	8 -10N·m	About 1/3 turn	About 1/12 turn
M10	Types other than the ones shown below	10-15N·m	About 1/3 turn	About 1/12 turn
M10	UFE, IUH, VUH, VNH Types	10-15N·m	About 2/3 turn	About 1/12 turn
M10	Stainless Gasket Type ^{(*)1}	10-15N·m	About 3/4 turn	About 1/12 turn
M12	All Types	15-20N·m	About 1/3 turn	About 1/12 turn
M14	Types other than the ones shown below	20-30N·m	About 1/2 turn	About 1/12 turn
M14	Stainless Gasket Type ^{(*)2}	20-30N·m	About 2/3 turn	About 1/12 turn
M18	All Types	30-40N·m	About 1/4 turn	About 1/12 turn
M14 _{Taper seat}	All Types	10-20N·m	About 1/16 turn	About 1/16 turn
M14 _(Gas)	If the cylinder head material is cast iron	20N·m	-	-
M14 _(Gas)	If the cylinder head material is aluminum	17.5N·m	-	-
M18 _(Gas)	If the cylinder head material is cast iron	30N·m	-	-

(*)1 VUH27ES, U24FER9S

(*)2 IK16G, IK20G, IK22G, K20PR-U8S, K20PR-U9S, KJ20DR-M11S, PK22PR-L11S, SK20PR-N9S, SK22PR-M11S, SKJ20DR-M11S, VK16G, VK20G, VK22G

Spark Plugs Installation



Always refer to the vehicle manufacturer's repair manual for specific installation procedures.

Do not apply screw thread lubricant to the spark plug since it may make you over tighten the spark plug and cause the screw to break.

However, screw thread lubricant is already applied to some plugs for LPG engines. In such case, tighten the plug according to the maintenance manual.

1

Check the gasket ring.



When cleaning the mounting seat on the engine side, be sure that oil, dust and foreign objects in the vicinity of the cylinder head do not fall into the engine.

2

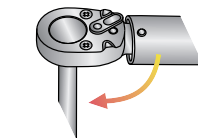
Hold the spark plug vertically to plug hole and lightly tighten it by hand or by using a plug wrench.

3

Using a plug wrench, tighten the plug to the recommended torque or the recommended tightening angle.



Use plug wrench that fits to the plug's hexagonal housing



Be careful not to hold the wrench obliquely.



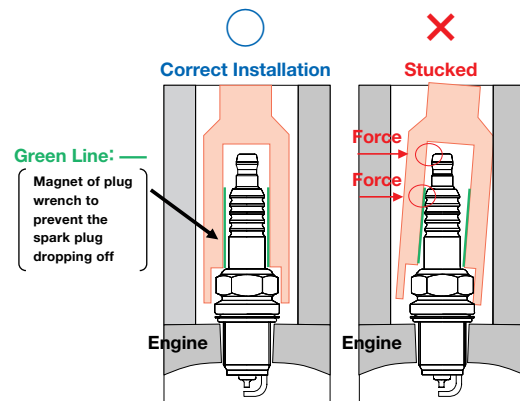
Tighten the plug to the recommended torque or the recommended tightening angle.



Insulator Cracking

The spark plugs of recent engines are installed in deep plug holes, and it is difficult to notice the tilted wrench when installing and removing the spark plugs. However, if you turn the wrench in this condition, the head of the insulator may become stuck. By applying excessive force, resulting in cracking.

*The mode of occurrence differs depending on the difference in the structure and the dimensions of the plug hole by vehicle and the type of wrench.





Spark Plug Replacement Timing

The electrode progressively wears, causing the spark gap to increase, along with the increasing number of spark discharges. When the gap exceeds a certain limit, the sparking performance deteriorates, which may prevent stable ignition of the gas mixture. When this happens, the horsepower of the engine falls, the fuel economy deteriorates and also the quality of the exhaust gas is adversely affected, so it is necessary to replace the plugs.

The table below shows our recommended plug replacement timing as a rough guide to the economic life of the plugs. The economic life may be reduced depending upon the vehicle running condition and the sparking characteristics**.

	IRIDIUM POWER Ni-TT Plugs Conventional Plugs	IRIDIUM TOUGH IRIDIUM PLUS Platinum Plugs
Automobile	15,000 ~ 20,000km	~ 100,000km *
Motorcycle	3,000 ~ 5,000km (No settings for Ni-TT Plugs)	No Settings

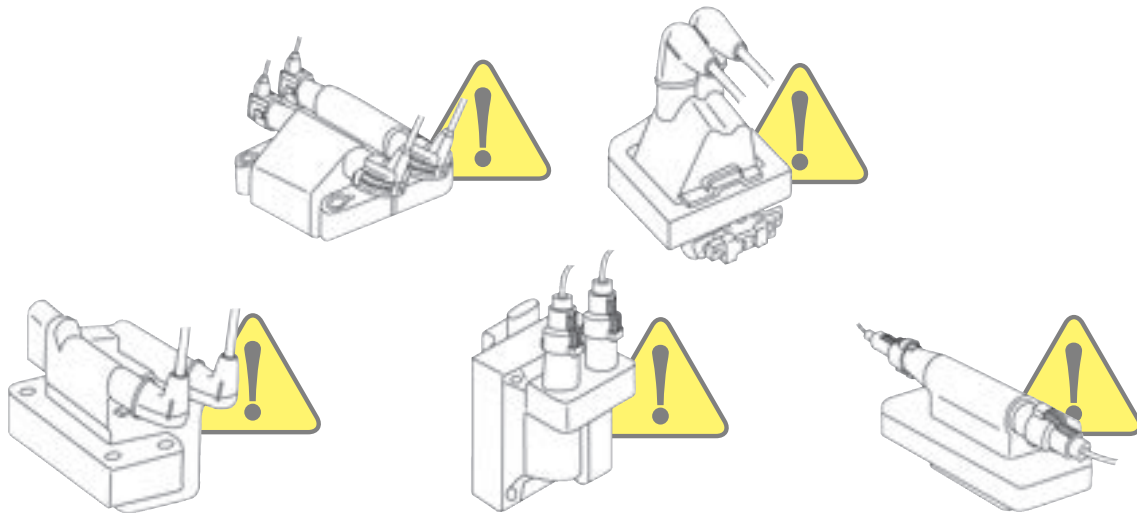
* The small engine vehicle, a tuned vehicle or a vehicle that uses a simultaneous ignition coil is often used at high speed. This may cause the life of the plugs to be reduced.

**Factors which shorten life

- Running condition: High-speed driving, high-load driving, hill climbing, extended idling (taxi), etc.
- Ignition characteristics: Simultaneous ignition, positive discharge, use of high-energy coil, etc.

Simultaneous Ignition System




A simultaneous ignition system is an ignition system in which two plug cords are connected from one coil, as shown in the figure. Generally, a single coil provides high voltage to a single spark plug, and negative (-) discharge is used so that it reduces electrode wear and tear. Simultaneous ignition systems, on the other hand, a single coil provides voltage to two spark plugs, which are negative (-) and positive (+) discharge. It resulting the generation of waste fire that is not related to combustion, which causes electrode wear and tear, especially in positive (+) discharges.









⚠ Adjustment of the Plug Gap




- If the center electrode becomes rounded or the ground electrode wears unevenly, replace the spark plug with a new one.
- Do not adjust the gap of a spark plug that has a fine electrode, such as a platinum plug or an iridium plug. It may result in damage of the center electrode.

Cross Reference

NGK Ni/Pt/Ir	NGK TYPE				DENSO
Ni	B5EB11	W16TT	PW16TT	IW16TT	W16EKR-S11
	B6EB	W20TT	PW20TT	IW20TT	W20EKR-S11
	B6EB11	W20TT	PW20TT	IW20TT	W20EKR-S11
	B6EB-L11	W20TT	PW20TT	IW20TT	W20EKR-S11
	B6EFS	T20TT	PT20TT	IT20TT	T20EP-U
	B7EB	W22TT	—	—	W22EKR-S11
	B7EB11	W22TT	—	—	W22EKR-S11
	BCP4ES	Q16TT	PQ16TT	IQ16TT	Q14R-U11
	BCP4ES11	Q16TT	PQ16TT	IQ16TT	Q14R-U11
	BCP5E	Q16TT	PQ16TT	IQ16TT	Q16P-U11
	BCP5E11	Q16TT	PQ16TT	IQ16TT	Q16P-U11
	BCP5ES	Q16TT	PQ16TT	IQ16TT	Q16-U
	BCP5ES11	Q16TT	PQ16TT	IQ16TT	Q16-U11
	BCP5ET	K20TT	PK20TT	IK20TT	K20PBR
	BCP5EY11	Q16TT	PQ16TT	IQ16TT	Q16-U11
	BCP6E	Q20TT	PQ20TT	IQ20TT	Q20P-U
	BCP6E11	Q20TT	PQ20TT	IQ20TT	Q20P-U11
	BCP6ES	Q20TT	PQ20TT	IQ20TT	Q20-U
	BCP6ES11	Q20TT	PQ20TT	IQ20TT	Q20-U11
	BCP6ET	K20TT	PK20TT	IK20TT	K20PBR
	BCP6EY11	Q20TT	PQ20TT	IQ20TT	Q20-U11
	BCPR4ES11	Q16TT	PQ16TT	IQ16TT	Q14R-U11
	BCPR4EY11	Q16TT	PQ16TT	IQ16TT	Q14R-U11
	BCPR5E	Q16TT	PQ16TT	IQ16TT	Q16PR-U
	BCPR5E11	Q16TT	PQ16TT	IQ16TT	Q16PR-U11
	BCPR5ES	Q16TT	PQ16TT	IQ16TT	Q16PR-U
	BCPR5ES11	Q16TT	PQ16TT	IQ16TT	Q16PR-U11
	BCPR5ET	K20TT	PK20TT	IK20TT	K20PBR
	BCPR5EY	—	PQ16TT	IQ16TT	Q16R-U
	BCPR5EY11	Q16TT	PQ16TT	IQ16TT	Q16R-U11
	BCPR5EY-N11	Q16TT	PQ16TT	IQ16TT	Q16PR-U11
	BCPR5EY-N11	Q16TT	PQ16TT	IQ16TT	Q16R-U11
	BCPR6E	Q20TT	PQ20TT	IQ20TT	Q20PR-U
	BCPR6E11	Q20TT	PQ20TT	IQ20TT	Q20PR-U11
	BCPR6ES	Q20TT	PQ20TT	IQ20TT	Q20PR-U
	BCPR6ES11	Q20TT	PQ20TT	IQ20TT	Q20PR-U11
	BCPR6ET	K20TT	PK20TT	IK20TT	K20PBR
	BCPR6EY	Q20TT	PQ20TT	IQ20TT	Q20R-U
	BCPR6EY11	Q20TT	PQ20TT	IQ20TT	Q20R-U11
	BCPR6EY-N11	Q20TT	PQ20TT	IQ20TT	Q20PR-U11
	BCPR6EY-N11	Q20TT	PQ20TT	IQ20TT	Q20R-U11
	BK5E	K16TT	PK16TT	IK16TT	K16P-U
	BK5E11	K16TT	PK16TT	IK16TT	K16P-U11
	BK6E	K20TT	PK20TT	IK20TT	K20P-U
	BK6E11	K20TT	PK20TT	IK20TT	K20PR-U11
	BKR4ESA11	—	PK16TT	IK16TT	—
	BKR5E	K16TT	PK16TT	IK16TT	K16PR-U
	BKR5E11	K16TT	PK16TT	IK16TT	K16PR-U11
	BKR5E11	K16TT	PK16TT	IK16TT	K16PR-U11
	BKR5E-E	K16TT	PK16TT	IK16TT	K16PR-UR
BKR5EK	K20TT	PK20TT	IK20TT	K20TXR	
BKR5EKB11	K16TT	PK16TT	IK16TT	K16TR11	
BKR5EKC	K16TT	PK16TT	IK16TT	K16TNR-S9	
BKR5EKU	K20TT	PK20TT	IK20TT	K20TXR	
BKR5EKUP	K20TT	PK20TT	IK20TT	K20TXR	
BKR5EN	K16TT	PK16TT	IK16TT	K16PR-U	

NGK Ni/Pt/Ir	NGK TYPE				DENSO
Ni	BKR5EN11	K16TT	PK16TT	IK16TT	K16PR-L11
	BKR5ES	K16TT	PK16TT	IK16TT	K16PR-U
	BKR5ES-11	K16TT	PK16TT	IK16TT	K16PR-U11
	BKR5ESA-11	K16TT	PK16TT	IK16TT	K16PR-U11
	BKR5EY	K16TT	PK16TT	IK16TT	K16R-U
	BKR5EY11	K16TT	PK16TT	IK16TT	K16R-U11
	BKR5EYA	K16TT	PK16TT	IK16TT	K16R-U
	BKR5EYA11	K16TT	PK16TT	IK16TT	K16R-U11
	BKR5EZ	K16TT	PK16TT	IK16TT	K16PR-U
	BKR6E	K20TT	PK20TT	IK20TT	K20PR-U
	BKR6E	K20TT	PK20TT	IK20TT	K20PR-U
	BKR6E11	K20TT	PK20TT	IK20TT	K20PR-U11
	BKR6E-E	K20TT	PK20TT	IK20TT	K20PR-UR
	BKR6EK	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EKB11	K20TT	PK20TT	IK20TT	K20TR11
	BKR6EKC	K20TT	PK20TT	IK20TT	K20TNR
	BKR6EKC-N11	K20TT	PK20TT	IK20TT	K20TNR
	BKR6EKE	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EKU	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EKUB	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EKUE	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EN	K20TT	PK20TT	IK20TT	K20PR-U
	BKR6EN11	K20TT	PK20TT	IK20TT	K20PR-L11
	BKR6EQU	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EQUA	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EQUB	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EQUPE	K20TT	PK20TT	IK20TT	K20TXR
	BKR6EQUPA	K20TT	PK20TT	IK20TT	K20TXR
	BKR6ES	K20TT	PK20TT	IK20TT	K20PR-U
	BKR6ES11	K20TT	PK20TT	IK20TT	K20PR-U11
	BKR6ESZ-10	K20TT	PK20TT	IK20TT	K20PR-U11
	BKR6ETA10	K20TT	PK20TT	IK20TT	K20PBR
	BKR6ETUB	K20TT	PK20TT	IK20TT	K20PBR-S10
	BKR6EY	K20TT	PK20TT	IK20TT	K20R-U
	BKR6EY11	K20TT	PK20TT	IK20TT	K20R-U11
	BKR6EYA	K20TT	PK20TT	IK20TT	K20R-U
	BKR6EYA11	K20TT	PK20TT	IK20TT	K20R-U11
	BKR6EZ	K20TT	PK20TT	IK20TT	K20PR-U
	BKR6EZB	K20TT	PK20TT	IK20TT	K20PR-U
	BKUR5EK9	K16TT	PK16TT	IK16TT	K16TNR-S9
	BKUR5ET	K16TT	PK16TT	IK16TT	K16TNR-S9
	BKUR5ET10	K16TT	PK16TT	IK16TT	K16TNR-S9
	BKUR5ETC10	K16TT	PK16TT	IK16TT	K16TNR-S9
	BKUR5ETZ10	K16TT	PK16TT	IK16TT	K16TNR-S9
	BKUR6E	K20TT	PK20TT	IK20TT	K20PR-SU9
	BKUR6EK	K20TT	PK20TT	IK20TT	K20TNR-S
	BKUR6EK9	K20TT	PK20TT	IK20TT	K20TNR-S9
	BKUR6ET	K20TT	PK20TT	IK20TT	K20PBR-S10
	BKUR6ET10	K20TT	PK20TT	IK20TT	K20PBR-S10
	BKUR6ETB	K20TT	PK20TT	IK20TT	K20PBR-S10
BP4E	W16TT	PW16TT	IW16TT	W14EX-U	
BP4EA11	W16TT	PW16TT	IW16TT	W14EX-U11	
BP4EFS	T16TT	PT16TT	IT16TT	T16EPR-U	
BP4ES	W16TT	PW16TT	IW16TT	W14EP-U	
BP4ES	W16TT	PW16TT	IW16TT	W14EX-U	
BP4ES11	W16TT	PW16TT	IW16TT	W14EX-U11	




NGK Ni/Pt/Ir	NGK TYPE				DENSO
Ni	BP4ES-L11	W16TT	PW16TT	IW16TT	W14EX-U11
	BP4EY	W16TT	PW16TT	IW16TT	W14EX-U
	BP4EY11	W16TT	PW16TT	IW16TT	W14EX-U11
	BP4FS	—	PTF16TT	ITF16TT	T14PR-U
	BP5E	W16TT	PW16TT	IW16TT	W16EP-U
	BP5EA	W16TT	PW16TT	IW16TT	W14EX-U
	BP5EA11	W16TT	PW16TT	IW16TT	W14EX-U11
	BP5EA-L	W16TT	PW16TT	IW16TT	W16EX-U
	BP5EA-L11	W16TT	PW16TT	IW16TT	W16EX-U11
	BP5EFS	T16TT	PT16TT	IT16TT	T16EPR-U
	BP5EFS-13	T16TT	PT16TT	IT16TT	T16EPR-U15
	BP5EK-A	W16TT	PW16TT	IW16TT	W16ET-S
	BP5EKN	W16TT	PW16TT	IW16TT	W16ET-S
	BP5ES	W16TT	PW16TT	IW16TT	W16EP-U
	BP5ES	W16TT	PW16TT	IW16TT	W16EX-U
	BP5ES11	W16TT	PW16TT	IW16TT	W16EP11
	BP5ES11	W16TT	PW16TT	IW16TT	W16EP-U11
	BP5ES11	W16TT	PW16TT	IW16TT	W16EX-U11
	BP5ES13	W16TT	PW16TT	IW16TT	W16EX-U13
	BP5ES-A	W16TT	PW16TT	IW16TT	W16EP-U
	BP5ES-A	W16TT	PW16TT	IW16TT	W16EX-U
	BP5ESZ	W16TT	PW16TT	IW16TT	W16EP-U
	BP5ET	W16TT	PW16TT	IW16TT	W16EPB10
	BP5ET10	W16TT	PW16TT	IW16TT	W16EPB10
	BP5EY	W16TT	PW16TT	IW16TT	W16EX-U
	BP5EY11	W16TT	PW16TT	IW16TT	W16EX-U11
	BP5FS	—	PTF16TT	ITF16TT	T16P-U
	BP6E	W20TT	PW20TT	IW20TT	W20EP-U
	BP6EA	W20TT	PW20TT	IW20TT	W20EX-U
	BP6EA11	W20TT	PW20TT	IW20TT	W20EX-U11
	BP6EFS	T20TT	PT20TT	IT20TT	T20EP-U
	BP6EFS-13	T20TT	PT20TT	IT20TT	T20EP-U15
	BP6EK	W20TT	PW20TT	IW20TT	W20ETR-L
	BP6EK	W20TT	PW20TT	IW20TT	W20ET-S
	BP6EK-A	W20TT	PW20TT	IW20TT	W20ET-S
	BP6EKN	W20TT	PW20TT	IW20TT	W20ETR-L
	BP6EK-N	W20TT	PW20TT	IW20TT	W20ET-S
	BP6ES	W20TT	PW20TT	IW20TT	W20EP
	BP6ES	W20TT	PW20TT	IW20TT	W20EP-U
	BP6ES	W20TT	PW20TT	IW20TT	W20EX-U
	BP6ES11	W20TT	PW20TT	IW20TT	W20EP11
	BP6ES11	W20TT	PW20TT	IW20TT	W20EPR-U11
	BP6ES11	W20TT	PW20TT	IW20TT	W20EX-U11
	BP6ES13	W20TT	PW20TT	IW20TT	W20EX-U13
	BP6ESZ	W20TT	PW20TT	IW20TT	W20EP-U
	BP6ET	W20TT	PW20TT	IW20TT	W20EPB
	BP6EY	W20TT	PW20TT	IW20TT	W20EX-U
	BP6EY11	W20TT	PW20TT	IW20TT	W20EX-U11
	BP6FS	—	PTF20TT	ITF20TT	T20P-U
	BP6HS	WF20TT	—	—	W20FP-U
BP6HS10	WF20TT	—	—	W20FP-U10	
BP6HSA	WF20TT	—	—	W20FR-L	
BP7E	W22TT	—	—	W22EP-U	
BP7EK-N	W22TT	—	—	W22ETR-L	
BP7ES	W22TT	—	—	W22EP-U	
BP7ES11	W22TT	—	—	W22EP11	




NGK Ni/Pt/Ir	NGK TYPE				DENSO
Ni	BP7ES11	W22TT	—	—	W22EP-U11
	BP7ET	W22TT	—	—	W22EPB
	BP7EY	W22TT	—	—	W22EP-U
	BPR4EFS	—	PT16TT	IT16TT	—
	BPR4ES	W16TT	PW16TT	IW16TT	W14EPR-U
	BPR4ES	W16TT	PW16TT	IW16TT	W14EXR-U
	BPR4ES11	W16TT	PW16TT	IW16TT	W14EXR-U11
	BPR4ES13	W16TT	PW16TT	IW16TT	W14EXR-U13
	BPR4ES-L11	W16TT	PW16TT	IW16TT	W14EXR-U11
	BPR4EY	W16TT	PW16TT	IW16TT	W14EXR-U
	BPR4EY11	W16TT	PW16TT	IW16TT	W14EXR-U11
	BPR4FS	—	PTF16TT	ITF16TT	T14PR-U
	BPR4FS11	—	PTF16TT	ITF16TT	T14PR-U15
	BPR4FS15	—	PTF16TT	ITF16TT	T14PR-U15
	BPR5E	W16TT	PW16TT	IW16TT	W16EPR-U
	BPR5E11	W16TT	PW16TT	IW16TT	W16EPR-U11
	BPR5EA	W16TT	PW16TT	IW16TT	W14EXR-U
	BPR5EA-11	W16TT	PW16TT	IW16TT	W14EXR-U11
	BPR5EA-L	W16TT	PW16TT	IW16TT	W16EXR-U
	BPR5EA-L11	W16TT	PW16TT	IW16TT	W16EXR-U11
	BPR5EF	T16TT	PT16TT	IT16TT	T16EPR-U
	BPR5EFS	T16TT	PT16TT	IT16TT	T16EPR-U
	BPR5EFS13	T16TT	PT16TT	IT16TT	T16EPR-U15
	BPR5EK-A	W16TT	PW16TT	IW16TT	W16ETR-S
	BPR5EKU	W16TT	PW16TT	IW16TT	W16ETR-S
	BPR5ES	W16TT	PW16TT	IW16TT	W16EPR-U
	BPR5ES	W16TT	PW16TT	IW16TT	W16EXR-U
	BPR5ES11	W16TT	PW16TT	IW16TT	W16EPR11
	BPR5ES11	W16TT	PW16TT	IW16TT	W16EXR-U11
	BPR5ES13	W16TT	PW16TT	IW16TT	W16EXR-U13
	BPR5ES-A	W16TT	PW16TT	IW16TT	W16EXR-U
	BPR5EY	W16TT	PW16TT	IW16TT	W16EXR-U
	BPR5EY11	W16TT	PW16TT	IW16TT	W16EXR-U11
	BPR5FS	—	PTF16TT	ITF16TT	T16PR-U
	BPR5FS11	—	PTF16TT	ITF16TT	T16PR-U11
	BPR5FS15	—	PTF16TT	ITF16TT	T16PR-U15
	BPR6E	W20TT	PW20TT	IW20TT	W20EPR-U
	BPR6EFS	T20TT	PT20TT	IT20TT	T20EPR-U
	BPR6EFS13	T20TT	PT20TT	IT20TT	T20EPR-U15
	BPR6EFS15	T20TT	PT20TT	IT20TT	T20EPR-U15
	BPR6EKA	W20TT	PW20TT	IW20TT	W20ET-S
	BPR6EK-N	W20TT	PW20TT	IW20TT	W20ETR-L
	BPR6ES	W20TT	PW20TT	IW20TT	W20EPR-U
	BPR6ES	W20TT	PW20TT	IW20TT	W20EXR-U
	BPR6ES11	W20TT	PW20TT	IW20TT	W20EPR11
	BPR6ES11	W20TT	PW20TT	IW20TT	W20EPR-U11
	BPR6ES11	W20TT	PW20TT	IW20TT	W20EXR-U11
	BPR6ES-13	W20TT	PW20TT	IW20TT	W20EXR-U13
	BPR6EY	W20TT	PW20TT	IW20TT	W20EXR-U
	BPR6EY11	W20TT	PW20TT	IW20TT	W20EXR-U11
BPR6EYZ	W20TT	PW20TT	IW20TT	W20EXR-U	
BPR6FS	—	PTF20TT	ITF20TT	T20PR-U	
BPR6HS	WF20TT	—	—	W20FPR-U	
BPR6HS10	WF20TT	—	—	W20FPR-U10	
BPR6HSA	WF20TT	—	—	W20FR-L	
BPR7E	W22TT	—	—	W22EPR-U	

NGK Cross Reference




NGK Ni/Pt/Ir	NGK TYPE				DENSO
	BPR7EK-N	W22TT	—	—	W22ETR-L8
	BPR7ES	W22TT	—	—	W22EPR-U
	BPR7ES11	W22TT	—	—	W22EPR-U11
	BPR7EY	W22TT	—	—	W22EPR-U
	BPR7EY-11	W22TT	—	—	W22EPR-U11
	BR5EF	T16TT	PT16TT	IT16TT	T16EPR-U
	BR6EB11	W20TT	PW20TT	IW20TT	W20EKR-S11
	BR6EBL	W20TT	PW20TT	IW20TT	W20EKR-S11
	BR6EB-L11	W20TT	PW20TT	IW20TT	W20EKR-S11
	BR6HSA	WF20TT	—	—	W20FR-L
	BU6EA11	W20TT	PW20TT	IW20TT	W20EP-S11
	BU6EFSZ	T20TT	PT20TT	IT20TT	T20EP-U
	BU7EA11	W22TT	—	—	W22EP-S11
	BUR5EB11	W16TT	PW16TT	IW16TT	W16EKR-S11
	BUR5ET	W20TT	PW20TT	IW20TT	W20EPBR-S
	BUR5ET10	W20TT	PW20TT	IW20TT	W20EPBR-S
	BUR5ETB-10	W20TT	PW20TT	IW20TT	W20EPBR-S
	BUR6EA11	W20TT	PW20TT	IW20TT	W20EPR-S11
	BUR6EB11	W20TT	PW20TT	IW20TT	W20EKR-S11
	BUR6EFSZ	T20TT	PT20TT	IT20TT	T20EPR-U
	BUR6ET	W20TT	PW20TT	IW20TT	W20EPBR-S
	BUR7EA11	W22TT	—	—	W22EP-S11
	DCP7E	XU22TT	—	—	XU22EP-U
	DCPR7E	XU22TT	—	—	XU22EPR-U
	DCPR7EA9	XU22TT	—	—	XU22PR9
	DCPR7E-N	XU22TT	—	—	XU22EPR-U
	DCPR7E-N10	XU22TT	—	—	XU22EPR-U
Ni	FR4	K16TT	PK16TT	IK16TT	K16PR-U
	FR45	K16TT	PK16TT	IK16TT	K16PR-U11
	FR5	K20TT	PK20TT	IK20TT	K20PR-U
	FR5-1	K20TT	PK20TT	IK20TT	KJ20CR-L11
	FR5EI	K16TT	PK16TT	IK16TT	K16PSR-B8
	GR4	W16TT	PW16TT	IW16TT	W14EXR-U
	GR45	W16TT	PW16TT	IW16TT	W14EXR-U11
	GR5	W16TT	PW16TT	IW16TT	W16EXR-U
	LFR5A11	KH16TT	PKH16TT	IKH16TT	K16HPR-U11
	LFR5B	KH16TT	PKH16TT	IKH16TT	K16HPR-U11
	LFR6A11	KH20TT	PKH20TT	IKH20TT	K20HR-U11
	LFR6C11	KH20TT	PKH20TT	IKH20TT	K20HR-U11
	LKR6C	XUH20TTI	—	—	XU20HR9
	LKR6D10E	XUH20TTI	—	—	XU20HR9
	LKR7B	XUH22TT	—	—	XU22HDR9
	LKR7B9	XUH22TT	—	—	XU22HDR9
	LKR7C	XUH22TT	—	—	XU22HR9
	LZFR5C11	KH16TT	PKH16TT	IKH16TT	K16HPR-U11
	LZFR5C11G	KH16TT	PKH16TT	IKH16TT	K16HPR-U11
	LZFR6B10E	KH20TT	PKH20TT	IKH20TT	—
	LZKR6B10E	XUH20TTI	—	—	—
	LZKR6B-E	XUH20TTI	—	—	—
	LZTR4A11	—	—	ITL16TT	—
	LZTR4AGP	—	—	ITL16TT	—
	LZTR4AIX13	—	—	ITL16TT	ITL16
	R5673-6	—	PTF20TT	ITF20TT	ITF20
	R5674-6	—	PTF20TT	ITF20TT	ITF20
	SR5	T20TT	PT20TT	IT20TT	T20NR-U11
	TR4	T16TT	PT16TT	IT16TT	T16EPR-U




NGK Ni/Pt/Ir	NGK TYPE				DENSO
Ni	TR4-2	T16TT	PT16TT	IT16TT	T16EPR-U
	TR5	T20TT	PT20TT	IT20TT	T20EPR-U
	TR5-1	T20TT	PT20TT	IT20TT	T20EPR-U
	TR55	T20TT	PT20TT	IT20TT	T20EPR-U15
	TR5A10	TV16TT	PTV16TT	ITV16TT	T16VR-U10
	TR5A13	TV16TT	PTV16TT	ITV16TT	T16VR-U10
	TR5B13	TV16TT	PTV16TT	ITV16TT	T16VR-U10
	TR6	T20TT	PT20TT	IT20TT	T20EPR-U
	TR6B10	—	PTV20TT	ITV20TT	—
	TR6B13	—	PTV20TT	ITV20TT	—
	UR4	—	PTF16TT	ITF16TT	T16PR-U
	UR40	—	PTF16TT	ITF16TT	T16PR-U15
	UR45	—	PTF16TT	ITF16TT	T16PR-U15
	UR5	—	PTF20TT	ITF20TT	T20PR-U
	UR5	—	PTF20TT	ITF20TT	T20PR-U11
	UR55	—	PTF20TT	ITF20TT	T20PR-U15
	ZF6A11	Q20TT	PQ20TT	IQ20TT	QJ20CR11
	ZFR5A11	Q16TT	PQ16TT	IQ16TT	QJ16CR11
	ZFR5C11G	K16TT	PK16TT	IK16TT	KJ16CR-L11
	ZFR5F	K16TT	PK16TT	IK16TT	KJ16CR
	ZFR5F11	K16TT	PK16TT	IK16TT	KJ16CR-L11
	ZFR5F11	K16TT	PK16TT	IK16TT	KJ16CR11
	ZFR5F11	K16TT	PK16TT	IK16TT	KJ16CR-U11
	ZFR5J11	K16TT	PK16TT	IK16TT	KJ16CR-L11
	ZFR5N11	K16TT	PK16TT	IK16TT	KJ16CR-L11
	ZFR6A11	Q20TT	PQ20TT	IQ20TT	QJ20CR11
	ZFR6F11	K20TT	PK20TT	IK20TT	KJ20CR-L11
	ZFR6F11	K20TT	PK20TT	IK20TT	KJ20CR11
	ZFR6F11	K20TT	PK20TT	IK20TT	KJ20CR-U11
	ZFR6J11	K20TT	PK20TT	IK20TT	KJ20CR-L11
	ZFR6K11	K20TT	PK20TT	IK20TT	KJ20DR-M11
	ZFR6S-Q	K20TT	PK20TT	IK20TT	K20PBR-S10
ZFR6U11	K20TT	PK20TT	IK20TT	KJ20CR-L11	
ZFR6U9	K20TT	PK20TT	IK20TT	KJ20CR-11	
ZG5A	W16TT	PW16TT	IW16TT	J16CR-U	
ZGR5A	W16TT	PW16TT	IW16TT	J16CR-U	
ZGR5C	W16TT	PW16TT	IW16TT	J16CR-U	
ZGR5E	W16TT	PW16TT	IW16TT	J16CR-U	
ZKR7A	XU22TT	—	—	XU22EPR-U	
Pt	BCP5EV	—	PQ16TT	IQ16TT	—
	BCP5EV11	—	PQ16TT	IQ16TT	—
	BCP5EVX	—	PQ16TT	IQ16TT	—
	BCP5EVX11	—	PQ16TT	IQ16TT	—
	BCP6EV	—	PQ20TT	IQ20TT	—
	BCP6EV11	—	PQ20TT	IQ20TT	—
	BCP6EVX	—	PQ20TT	IQ20TT	—
	BCP6EVX11	—	PQ20TT	IQ20TT	—
	BCPR5EP11	—	PQ16TT	IQ16TT	PQ16R
	BCPR5EP13	—	PQ16TT	IQ16TT	PQ16R13
	BCPR5EP8	—	PQ16TT	IQ16TT	PQ16R8
	BCPR5EP-N11	—	PQ16TT	IQ16TT	PQ16R-P11
	BCPR5EV	—	PQ16TT	IQ16TT	—
	BCPR5EV11	—	PQ16TT	IQ16TT	—
	BCPR5EVX	—	PQ16TT	IQ16TT	—
	BCPR5EVX11	—	PQ16TT	IQ16TT	—
BCPR6EP11	—	PQ20TT	IQ20TT	PQ20R	




NGK Ni/Pt/Ir	NGK TYPE				DENSO
Pt	BCPR6EP13	—	PQ20TT	IQ20TT	PQ20R13
	BCPR6EP8	—	PQ20TT	IQ20TT	PQ20R8
	BCPR6EP-N11	—	PQ20TT	IQ20TT	PQ20R-P11
	BCPR6EP-N8	—	PQ20TT	IQ20TT	PQ20R-P8
	BCPR6EV	—	PQ20TT	IQ20TT	—
	BCPR6EV11	—	PQ20TT	IQ20TT	—
	BCPR6EVX	—	PQ20TT	IQ20TT	—
	BCPR6EVX11	—	PQ20TT	IQ20TT	—
	BKR5EGP	—	PK16TT	IK16TT	IK16
	BKR5EKP11	—	PK16TT	IK16TT	PK16TR11
	BKR5EKP13	—	PK16TT	IK16TT	PK16TR13
	BKR5EP11	—	PK16TT	IK16TT	PK16R11
	BKR5EP8	—	PK16TT	IK16TT	PK16R8
	BKR5EQUPA	—	—	IK16TT	—
	BKR5EVX	—	PK16TT	IK16TT	—
	BKR5EVX11	—	PK16TT	IK16TT	—
	BKR5EVXA	—	PK16TT	IK16TT	—
	BKR5EVXA11	—	PK16TT	IK16TT	—
	BKR5EVXA13	—	PK16TT	IK16TT	—
	BKR6EGP	—	PK20TT	IK20TT	IK20
	BKR6EKPA	—	PK20TT	IK20TT	PK20TR11
	BKR6EKP11	—	PK20TT	IK20TT	PK20TR11
	BKR6EP11	—	PK20TT	IK20TT	PK20R11
	BKR6EP13	—	PK20TT	IK20TT	PK20R13
	BKR6EP8	—	PK20TT	IK20TT	PK20R8
	BKR6EP8	—	—	IK20TT	VK20T
	BKR6EP-N8	—	PK20TT	IK20TT	PK20R-P8
	BKR6EVX11	—	PK20TT	IK20TT	—
	BKR6EVXA11	—	PK20TT	IK20TT	—
	BP5EV	—	PW16TT	IW16TT	—
	BP5EVX	—	PW16TT	IW16TT	—
	BP5EVX11	—	PW16TT	IW16TT	—
	BP6EV	—	PW20TT	IW20TT	—
	BP6EVX	—	PW20TT	IW20TT	—
	BP6EVX11	—	PW20TT	IW20TT	—
	BPR5EFVX	—	PT16TT	IT16TT	IT16
	BPR5EGP	—	PW16TT	IW16TT	IW16
	BPR5EP11	—	PW20TT	IW20TT	P16R
	BPR5EP11	—	PW16TT	IW16TT	P16R
	BPR5EP13	—	PW16TT	IW16TT	P16R13
	BPR5EV	—	PW16TT	IW16TT	—
	BPR5EVX	—	PW16TT	IW16TT	—
	BPR5EVX11	—	PW16TT	IW16TT	—
	BPR6EGP	—	PW20TT	IW20TT	IW20
	BPR6EP11	—	PW20TT	IW20TT	VW20
	BPR6EP8	—	PW20TT	IW20TT	VW20
	BPR6EP8	—	PW20TT	IW20TT	VW20T
	BPR6EV	—	IW20TT	IW20TT	IW20
	BPR6EVX	—	IW20TT	IW20TT	IW20
	BPR6EVX11	—	IW20TT	IW20TT	IW20
FR4BP11	—	PK16TT	IK16TT	IK16	
FR5BP11	—	PK16TT	IK16TT	IK16	
FR5CP	—	PK16TT	IK16TT	IK16	
FR6BP11	—	PK20TT	IK20TT	IK20	
LFR5AP11	—	PKH16TT	IKH16TT	IKH16	
LFR5AQP	—	PKH16TT	IKH16TT	IKH16	

NGK Ni/Pt/Ir	NGK TYPE				DENSO
Pt	LFR5BP11	—	PKH16TT	IKH16TT	IKH16
	LFR5P11	—	PKH16TT	IKH16TT	IKH16
	LFR6AP11	—	PKH20TT	IKH20TT	IKH20
	LFR6AP9	—	PKH20TT	IKH20TT	IKH20
	LFR6AQP	—	PKH20TT	IKH20TT	IKH20
	LFR6BP11	—	PKH20TT	IKH20TT	IKH20
	LTR6AP11	—	PTV20TT	ITV20TT	ITV20
	PFR5A11	—	PQ16TT	IQ16TT	PQ16R
	PFR5B	—	PK16TT	IK16TT	PK16R8
	PFR5B11	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR5B11B	—	PK16TT	IK16TT	PK16R11
	PFR5B11C	—	PK16TT	IK16TT	PK16R11
	PFR5B9	—	PK16TT	IK16TT	PK16R8
	PFR5B-D	—	PK20TT	IK20TT	PK16R8
	PFR5C11	—	PK16TT	IK16TT	PK16R11
	PFR5F11	—	PQ16TT	IQ16TT	PQ16R
	PFR5G11	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR5G11-E	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR5G13-E	—	PK16TT	IK16TT	PK16PR-L11
	PFR5J11	—	PK16TT	IK16TT	PK16PR-P11
	PFR5K11	—	PQ16TT	IQ16TT	PQ16R
	PFR5L11	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR5L13	—	PK16TT	IK16TT	VK16
	PFR5N11	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR5P	—	PK16TT	IK16TT	PK16R8
	PFR5P11	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR5R11	—	PK16TT	IK16TT	PK16PR(-L)11
	PFR6A11	—	PQ20TT	IQ20TT	PQ20R
	PFR6B	—	PK20TT	IK20TT	PK20PR-P8
	PFR6B11	—	PK20TT	IK20TT	PK20PR11
	PFR6B11B	—	PK20TT	IK20TT	PK20R11
	PFR6B9	—	PK20TT	IK20TT	PK20PR-P8
	PFR6B-D	—	PK20TT	IK20TT	PK20R8
	PFR6C11	—	PK20TT	IK20TT	PK20R11
	PFR6E	—	PK20TT	IK20TT	PK20PR-P8
	PFR6G11	—	PK20TT	IK20TT	PK20PR11
	PFR6G11	—	PK20TT	IK20TT	PK20PR-L11
	PFR6G11-E	—	PK20TT	IK20TT	PK20PR11
	PFR6G11-E	—	PK20TT	IK20TT	PK20PR-L11
	PFR6G13	—	PK20TT	IK20TT	PK20PR-L13
	PFR6G13E	—	PK20TT	IK20TT	PK20PR-L13
	PFR6H10	—	PQ20TT	IQ20TT	PQ20R
	PFR6J	—	PK20TT	IK20TT	PK20PR-P8
	PFR6J11	—	PK20TT	IK20TT	PK20PR-P11
	PFR6J13	—	PK20TT	IK20TT	PK20PR-L13
	PFR6K11	—	PQ20TT	IQ20TT	PQ20R
	PFR6L13	—	PK20TT	IK20TT	PK20PR-L13
	PFR6N11	—	PK20TT	IK20TT	PK20PR-L11
	PFR6P11	—	PK20TT	IK20TT	PK20PR(-L)11
	PFR6R11	—	PK20TT	IK20TT	PK20PR-L11
PFR6T10	—	PK20TT	IK20TT	PK20PR-L11	
PFR6T10G	—	PK20TT	IK20TT	PK20PR-L11	
PFR6T-G	—	PK20TT	IK20TT	PK20PR-P8	
PFR6U11G	—	PK20TT	IK20TT	PK20PR-L11	
PFR6V10D	—	PK20TT	IK20TT	VK20T	
PFR6X11	—	PK20TT	IK20TT	PK20PR-L11	




Cross Reference

NGK Ni/Pt/Ir	NGK TYPE				DENSO
	PGR5A	—	PW16TT	IW16TT	P16PR8
	PGR5A11	—	PW16TT	IW16TT	P16PR11
	PGR6A	—	PW20TT	IW20TT	P20PR8
	PGR6A	—	PW20TT	IW20TT	P20R8
	PGR6A	—	PW20TT	IW20TT	P20PR8
	PGR6A	—	PW20TT	IW20TT	P20R8
	PGR6A11	—	PW20TT	IW20TT	VW20
	PGR6A-D	—	PW20TT	IW20TT	VW20
	PGR6B	—	PW20TT	IW20TT	VW20
	PLFR4A11	—	PKH16TT	IKH16TT	VKH16
	PLFR5A11	—	PKH16TT	IKH16TT	VKH16
	PLFR5A11D	—	PKH16TT	IKH16TT	VKH16
	PLFR6A11	—	PKH20TT	IKH20TT	VKH20
	PLFR6A9	—	PKH20TT	IKH20TT	VKH20
	PLTR6A10G	—	PTV20TT	ITV20TT	ITV20
	PLZFR5B-13G	—	PKH16TT	IKH16TT	VKH16
	PLZFR6A-11S	—	PKH20TT	IKH20TT	VKH20
	PLZKAR6A11	—	—	IXEH20TT	FXE20HR11
	PLZTR5A13	—	—	ITL16TT	—
	PTR4B15	—	PT16TT	IT16TT	PT16EPR-L13
	PTR4G15	—	PT16TT	IT16TT	PT16EPR-L13
	PTR5A10	—	PTV16TT	ITV16TT	PT16VR10
	PTR5A13	—	PTV16TT	ITV16TT	PT16VR13
	PTR5C13	—	PT16TT	IT16TT	PT16EPR-L13
	PTR6D13G	—	PT20TT	IT20TT	VT20
	PTR6E13	—	PT20TT	IT20TT	VT20
	PTR6F13	—	PT20TT	IT20TT	VT20
Pt	PZFR5E11	—	PK16TT	IK16TT	SKJ16CR-L11
	PZFR5F	—	PK16TT	IK16TT	PKJ16CR8
	PZFR5F11	—	PK16TT	IK16TT	SKJ16CR-L11
	PZFR5F13	—	PK16TT	IK16TT	PKJ16CR-L13
	PZFR5J11	—	PK16TT	IK16TT	SKJ16CR-L11
	PZFR6E11	—	PK20TT	IK20TT	PKJ20CR-L11
	PZFR6F11	—	PK20TT	IK20TT	PKJ20CR-L11
	PZFR6J11	—	PK20TT	IK20TT	PKJ20CR-L11
	PZTR5A15	—	PT16TT	IT16TT	PT16EPR-L13
	TR4VX	—	PT16TT	IT16TT	IT16
	TR5-1VX	—	PT20TT	IT20TT	IT20
	TR55-1VX	—	PT20TT	IT20TT	IT20
	TR55VX	—	PT20TT	IT20TT	IT20
	TR5BP12	—	PTV16TT	ITV16TT	ITV16
	TR5VX	—	PT20TT	IT20TT	IT20
	TR6AP13	—	PT20TT	IT20TT	IT20
	TR6AP13E	—	PT20TT	IT20TT	IT20
	TR6GP	—	PT20TT	IT20TT	IT20
	UR45VX	—	PTF16TT	ITF16TT	ITF16
	UR4VX	—	PTF16TT	ITF16TT	ITF16
	UR55VX	—	PTF20TT	ITF20TT	—
	UR5VX	—	PTF20TT	ITF20TT	—
	UR6VX	—	PTF20TT	ITF20TT	—
	YR55VX	—	PTF20TT	ITF20TT	—
	YR5VX	—	PTF20TT	ITF20TT	—
	ZFR5AP	—	PK16TT	IK16TT	IK16
	ZFR5FGP	—	PK16TT	IK16TT	IK16
	ZFR5LP13G	—	PK16TT	IK16TT	—
Ir	BCPR5EIX11	—	—	IQ16TT	IQ16

NGK Ni/Pt/Ir	NGK TYPE				DENSO
	BCPR5EIX11P	—	—	IQ16TT	VQ16
	BCPR6EIX11	—	—	IQ20TT	IQ20
	BCPR6EIX11P	—	—	IQ20TT	VQ20
	BKR4EIX	—	—	IK16TT	IK16
	BKR5EIX	—	—	IK16TT	IK16
	BKR5EIX11	—	—	IK16TT	IK16
	BKR5EIX11P	—	—	IK16TT	VK16
	BKR5EIXP	—	—	IK16TT	VK16
	BKR6EIX	—	—	IK20TT	IK20
	BKR6EIX	—	—	IK20TT	VK20T
	BKR6EIX11	—	—	IK20TT	IK20
	BKR6EIX11P	—	—	IK20TT	VK20
	BPR5EFIX13P	—	—	IT16TT	VT16
	BPR5EIX	—	—	IW16TT	IW16
	BPR5EIX11	—	—	IW16TT	IW16
	BPR5EIX11-P	—	—	IW16TT	VW16
	BPR5EIX-P	—	—	IW16TT	VW16
	BPR6EFIX10	—	—	IT20TT	IT20
	BPR6EFIX13P	—	—	IT20TT	VT20
	BPR6EIX	—	—	IW20TT	IW20
	BPR6EIX(LPG)	—	—	IW20TT	VW20T
	BPR6EIX11	—	—	IW20TT	IW20
	BPR6EIX11-P	—	—	IW20TT	VW20
	BPR6EIX-P	—	—	IW20TT	VW20
	DF5A11A	—	—	IK16TT	FK16PR11
	DF5B11A	—	—	IKH16TT	FK16HR11
	DF6H11A	—	—	IXEH20ETT	FXE20HE11
	DF6H11A	—	—	IXEH20ETT	VFXEH20E
	DF6H11B	—	—	IXEH20TT	FXE20HR11
	DF6H11B	—	—	IXEH20TT	VFXEH20
	DF7H11B	—	—	IXEH22TT	FXE22HR11
	DF7H11B	—	—	IXEH22TT	VFXEH22
	DFH6B11A	—	—	IKBH20TT	FK20HBR11
	DFH6B11A	—	—	IKBH20TT	VFKBH20
	DILFR5A	—	—	IK16TT	—
	DILFR5A11	—	—	IK16TT	FK16HR11
	DILFR5A11D	—	—	IK16TT	FK16HR11
	DILFR5E11	—	—	IK16TT	FK16HR11
	DILFR6D11	—	—	IK20TT	FK20HR11
	DILFR6F11G	—	—	IK20TT	—
	DILFR6J11	—	—	IK20TT	—
	DILKAR6A11	—	—	IXEH20TT	FXE20HR11
	DILKAR7B11	—	—	IXEH22TT	—
	DILKAR7F8	—	—	IXEH22TT	FC20HPR8
	DILZKAR6A11	—	—	IXEH20ETT	FXE20HE11
	DILZKR7B11	—	—	IXEH22TT	—
	GR4IX	—	—	IW16TT	IW16
	GR5AI10	—	—	IW16TT	IW16
	GR5IX	—	—	IW16TT	IW16
	HAMP-FR5C11G	—	—	IK16TT	HAMP-IK16F
	HAMP-FR6C11G	—	—	IK20TT	HAMP-IK20F
	HAMP-FR6D11G	—	—	IQ20TT	HAMP-IQ20F
	HAMP-ZFR5F11G	—	—	IK16TT	HAMP-IK16FJ
	HAMP-ZFR6F11G	—	—	IK20TT	HAMP-IK20FJ
	HAMP-ZFR6K11G	—	—	IK20TT	HAMP-IKD20F
	IFR5A11	—	—	IK16TT	SK16R11

NGK Ni/Pt/Ir	NGK TYPE				DENSO
	IFR5A-8N	—	—	IK20TT	SK16R-P8
	IFR5D10	—	—	IK16TT	VK16
	IFR5E11	—	—	IK16TT	SK16PR-A11
	IFR5G11	—	—	IK16TT	SK16PR-L11
	IFR5G11K	—	—	IK16TT	SK16PR-L11
	IFR5J11	—	—	IK16TT	VK16
	IFR5L11	—	—	IK16TT	VK16PRZ11
	IFR5N	—	—	IK16TT	VK16
	IFR5N10	—	—	IK16TT	VK16
	IFR6A11	—	—	IK20TT	SK20R11
	IFR6C	—	—	IK20TT	SK20PR-L9
	IFR6D10	—	—	IK20TT	VK20
	IFR6E11	—	—	IK20TT	VK20
	IFR6J11	—	—	IK20TT	SVK20RZ11
	IFR6L11	—	—	IK20TT	VK20PRZ11
	IFR6T11	—	—	IK20TT	SK20R11
	IGR5B10-D	—	—	IW16TT	VW16
	IGR6A11	—	—	IW20TT	VW20
	IGR6B10-D	—	—	IW20TT	VW20T
	ILFR5C11	—	—	IKH16TT	SK16HR11
	ILFR6A	—	—	IKH20TT	VKH20
	ILFR6B	—	—	IKH20TT	VKH20
	ILFR6C	—	—	IKH20TT	VKH20
	ILFR6C11	—	—	IKH20TT	SK20HR11
	ILFR6D11	—	—	IK20TT	FK20HR11
	ILFR6G	—	—	IKH20TT	VKH20
	ILFR6J11K	—	—	IKH20TT	SK20HPR-L11
	ILKAR6C10	—	—	IXEH20TT	VFXEH20
	ILKAR7B11	—	—	IXEH22TT	SC20HR11
	ILKAR7L11	—	—	IXEH22TT	ZC20HPR11
	ILTR5A13G	—	—	ITV16TT	—
	ILTR5B11	—	—	ITL16TT	—
	ILTR5C11	—	—	ITL16TT	—
	ILTR5D	—	—	ITV16TT	—
	ILTR5E11	—	—	ITV16TT	—
	ILTR6A13G	—	—	ITV20TT	—
	ILTR6A8G	—	—	ITV20TT	—
	ILTR6E11	—	—	ITV20TT	—
	ILZFR5B	—	—	IKH16TT	VKH16
	ILZFR6A11	—	—	IKH20TT	VKH20
	ILZFR6C11K	—	—	IKH20TT	VKH20
	ILZFR6D11	—	—	IKH20TT	VKH20
	ILZKAR7A	—	—	IXEH22TT	—
	ILZKAR7A10	—	—	IXEH22TT	FXE22HR11
	ILZKAR7B11	—	—	IXEH22TT	—
	ITR4A15	—	—	IT16TT	VT16
	ITR5F13	—	—	IT16TT	VT16
	ITR6F13	—	—	IT20TT	VT20
	IZFR5F11	—	—	IK16TT	SKJ16CR-L11
	IZFR5K11	—	—	IK16TT	SKJ16DR-M11
	IZFR5L11	—	—	IK16TT	SKJ16CR-L11
	IZFR6F11	—	—	IK20TT	VKJ20RZ-M11
	IZFR6H11	—	—	IK20TT	VK20
	IZFR6K11	—	—	IK20TT	SKJ20DR-M11
	IZFR6K13	—	—	IK20TT	SKJ20DR-M13
	LFR5AIX11	—	—	IKH16TT	IKH16

Ir

NGK Ni/Pt/Ir	NGK TYPE				DENSO
	LFR5AIX11P	—	—	IKH16TT	VKH16
	LFR5ARX-11P	—	—	IKH16TT	VFKH16
	LFR6AIX11	—	—	IKH20TT	IKH20
	LFR6AIX11P	—	—	IKH20TT	VKH20
	LFR6AIX-LPG	—	—	IKH20TT	VKH20T
	LKAR6AIX13P	—	—	IXEH20TT	ZXE20HR13
	LTR5BI-13	—	—	ITV16TT	—
	LTR5IX11	—	—	ITV16TT	ITV16
	LTR6AI-9	—	—	ITV20TT	ITV20
	LTR6BI-13	—	—	ITV20TT	—
	LTR6BI-9	—	—	ITV20TT	—
	LTR6BP13	—	—	ITV20TT	ITV20
	LTR6IX11	—	—	ITV20TT	ITV20
	LZFR6AI	—	—	IKH20TT	IKH20
	LZKAR6AP11	—	—	IXEH20TT	FXE20HR11
	SIFR6A11	—	—	IK20TT	VK20
	SILFR6A11	—	—	IKH20TT	VKH20
	SILFR6C11	—	—	IKH20TT	VKH20
	SILTR6A7G	—	—	ITV20TT	—
	SILZKAR7B11	—	—	IXEH22TT	—
	TR4IX	—	—	IT16TT	IT16
	TR5-11X	—	—	IT20TT	IT20
	TR55IX	—	—	IT20TT	IT20
	TR5IX	—	—	IT20TT	IT20
	TR6IX	—	—	IT20TT	IT20
	UR45IX	—	—	ITF16TT	ITF16
	UR4IX	—	—	ITF16TT	ITF16
	UR55IX	—	—	ITF20TT	ITF20
	UR5IX	—	—	ITF20TT	ITF20
	UR6IX	—	—	ITF20TT	ITF20
	YR55IX	—	—	ITF20TT	ITF20
	YR5IX	—	—	ITF20TT	ITF20
	ZFR5FIX11	—	—	IK16TT	IK16
	ZFR5FIX11P	—	—	IK16TT	VK16
	ZFR6FIX11	—	—	IK20TT	IK20
	ZFR6FIX11P	—	—	IK20TT	VK20
	LPG1	—	—	IK20TT	—
	LPG1	—	—	IK20TT	—
	LPG2	—	—	IW20TT	—
	LPG2	—	—	IW20TT	—
	LPG3	—	—	IQ20TT	—
	LPG4	—	—	ITV16TT	—
	LPG5	—	—	IT20TT	—
	LPG6	—	—	IK20TT	—
	LPG7	—	—	IKH20TT	—

Ir

Specifications

TYPE	DIA (mm)	REACH (mm)	HEX (mm)	GAP	PROJECTION (mm)	SPARK POSITION (mm)	TERMINAL SHAPE	RESISTOR (kΩ)	TT PLUG DENSO P/N
K16TT	14	19	16	1.0	1.5	3	S	5	267700-7431
K20TT	14	19	16	1.0	1.5	3	S	5	267700-7441
KH16TT	12	26.5	16	1.0	1.5	3	S	5	267700-7451
KH20TT	14	26.5	16	1.0	1.5	3	S	5	267700-7460
Q16TT	14	19	16	1.0	1.5	3	S	5	267700-7471
Q20TT	14	19	16	1.0	1.5	3	S	5	267700-7481
W16TT	14	19	20.6	0.8	1.5	3	RC	5	267700-6301
W20TT	14	19	20.6	0.8	1.5	3	RC	5	267700-6311
W22TT	14	19	20.6	0.8	1.5	3	RC	5	267700-7510
WF20TT	14	12.7	20.6	0.8	1.5	3	RC	5	267700-7500
T16TT	14	17.5	16	1.0	1.5	3	S	5	267700-7820
T20TT	14	17.5	16	1.0	1.5	3	S	5	267700-7830
TV16TT	14	25	16	1.0	1.5	3	S	5	267700-7490
XU22TT	12	19	16	0.8	1.3	2.8	S	5	267700-7080
XUH22TT	12	26.5	16	0.8	1.5	3	S	5	267700-7090
XUH20TTI	12	26.5	16	0.8	1.5	4	S	5	267700-8290

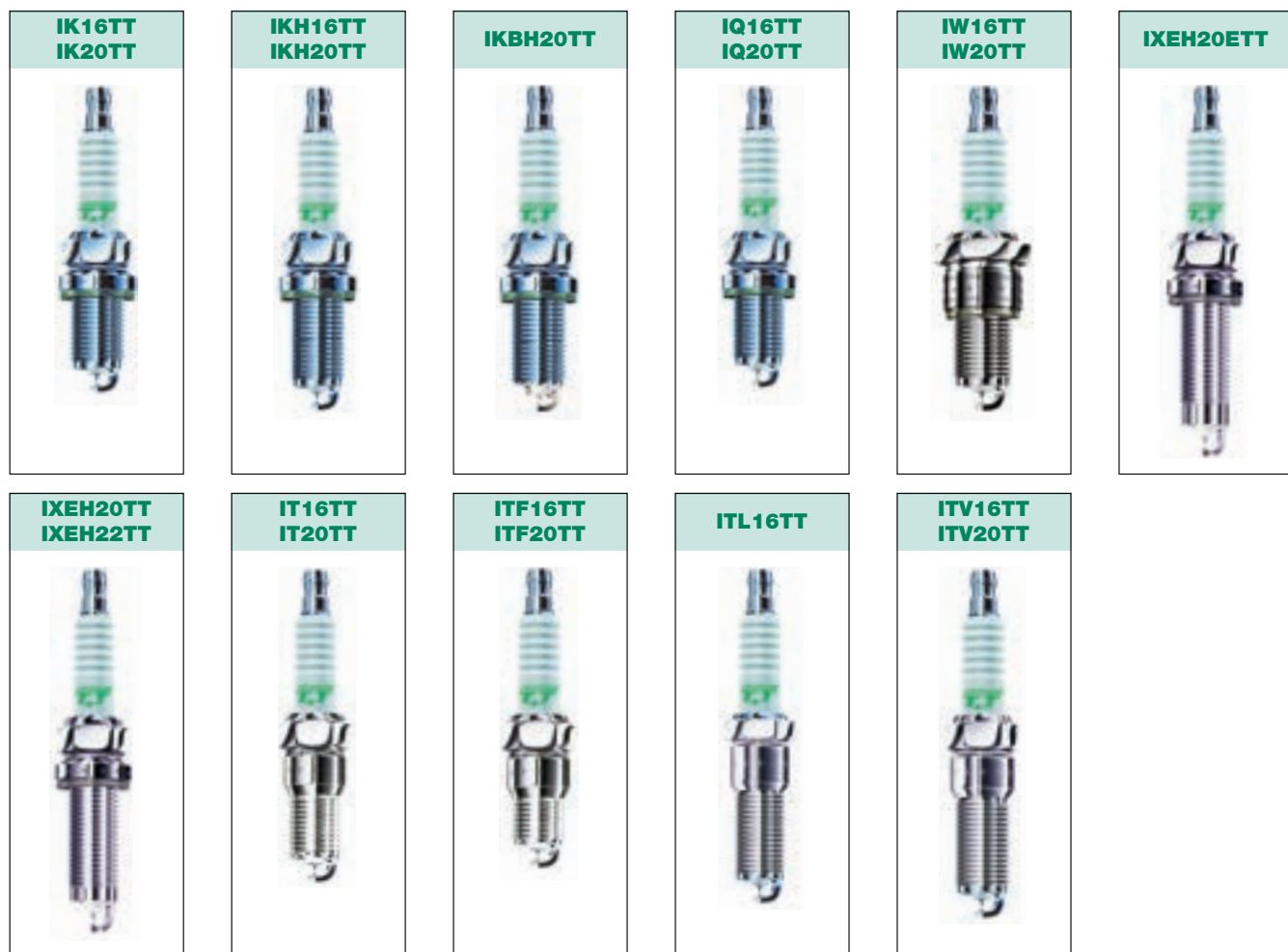


Specifications

Type	DIA (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (kΩ)	No.	DENSO P/N
PK16TT	14	19	16	1	1.5	3	6.3	Solid	5	PT03	267700-6320
PK20TT	14	19	16	1	1.5	3	6.3	Solid	5	PT04	267700-6330
PK22TT	14	19	16	1	1.5	3	6.3	Solid	5	PT14	267700-7790
PKH16TT	14	26.5	16	1	1.5	3	6.3	Solid	5	PT05	267700-6340
PKH20TT	14	26.5	16	1	1.5	3	6.3	Solid	5	PT06	267700-6350
PQ16TT	14	19	16	1	1.5	3	6.3	Solid	5	PT07	267700-6360
PQ20TT	14	19	16	1	1.5	3	6.3	Solid	5	PT08	267700-6370
PW16TT	14	19	20.6	1	1.5	3	6.3	Solid	5	PT01	267700-6380
PW20TT	14	19	20.6	1	1.5	3	6.3	Solid	5	PT02	267700-6390
PT16TT	14	17.5	16	1	1.5	3	6.3	Solid	5	PT11	267700-7200
PT20TT	14	17.5	16	1	1.5	3	6.3	Solid	5	PT12	267700-7210
PTF16TT	14	11.2	16	1	1.5	3	6.3	Solid	5	PT09	267700-7240
PTF20TT	14	11.2	16	1	1.5	3	6.3	Solid	5	PT10	267700-7250
PTV16TT	14	25	16	1	1.5	3	6.3	Solid	5	PT13	267700-7220

IRIDIUM TT Specifications

Type	Spec	DIA (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (kΩ)	No.	DENSO P/N
IK16TT	ISO	14	19	16	1	1.5	3	6.2	Solid	5	IT01	267700-8450
IK20TT	ISO	14	19	16	1	1.5	3	6.2	Solid	5	IT02	267700-8530
IKH16TT	ISO	14	26.5	16	1	1.5	3	6.2	Solid	5	IT03	267700-8460
IKH20TT	ISO	14	26.5	16	1	1.5	3	6.2	Solid	5	IT04	267700-8470
IKBH20TT	NEW 3 ELECTRODE	14	26.5	16	1	2.5	4	7.2	Solid	5	IT05	267700-8480
IQ16TT	JIS	14	19	16	1	1.5	3	6.2	Solid	5	IT06	267700-8190
IQ20TT	JIS	14	19	16	1	1.5	3	6.2	Solid	5	IT07	267700-8200
IW16TT		14	19	20.6	1	1.5	3	6.2	Solid	5	IT08	267700-8210
IW20TT		14	19	20.6	1	1.5	3	6.2	Solid	5	IT09	267700-8220
IXEH20ETT	SHROUD 2mm	12	26.5	14	1	2.5 (+shroud 2mm)	4 (+shroud 2mm)	7.1 (+shroud 2mm)	Solid	5	IT10	267700-8490
IXEH20TT		12	26.5	14	1	2.5	4	7.1	Solid	5	IT11	267700-8500
IXEH22TT		12	26.5	14	1	2.5	4	7.1	Solid	5	IT12	267700-8510
IT16TT	TAPER SEAT	14	17.5	16	1	1.5	3	6.2	Solid	5	IT13	267700-8230
IT20TT	TAPER SEAT	14	17.5	16	1	1.5	3	6.2	Solid	5	IT14	267700-8520
ITF16TT	TAPER SEAT	14	11.2	16	1	1.5	3	6.2	Solid	5	IT15	267700-8260
ITF20TT	TAPER SEAT	14	11.2	16	1	1.5	3	6.2	Solid	5	IT16	267700-8270
ITL16TT	TAPER SEAT (INSULATOR Length 56mm)	14	25	16	1	1.5	3	6.2	Solid	5	IT17	267700-8280
ITV16TT	TAPER SEAT (INSULATOR Length 50mm)	14	25	16	1	1.5	3	6.2	Solid	5	IT18	267700-8240
ITV20TT	TAPER SEAT (INSULATOR Length 50mm)	14	25	16	1	1.5	3	6.2	Solid	5	IT19	267700-8250



MEMO

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IRIDIUMPOWER® Specifications

TYPE	APPLICATION	SPEC	DIA. (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (kΩ)	No.	IRIDIUM POWER	IRIDIUM POWER
													ONE PC BOX	2pcs BLISTER PACK
													DENSO P/N	DENSO P/N
IQ16	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	1.1	1.5	3.0	5.5	S	5	I01	067700-8701	100676-3380
IQ20	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	1.1	1.5	3.0	5.5	S	5	I02	067700-8711	100676-3390
IQ22	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	0.8	1.5	3.0	5.2	S	5	I13	067700-8481	100676-3480
IQ24	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	0.8	1.5	3.0	5.2	S	5	I14	067700-8491	100676-3490
IQ27	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	0.8	1.5	3.0	5.2	S	5	I15	067700-8502	
IQ31	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	0.8	-0.5	1.0	3.2	S	5	I23	067700-9231	
IQ34	Automobile	Old JIS (Installing height=K type+2mm)	14	19	16	0.8	-0.5	1.0	3.2	S	5	I24	067700-9601	
IK16	Automobile		14	19	16	1.1	1.5	3.0	5.5	S	5	I03	067700-8681	100676-3360
IK20	Automobile		14	19	16	1.1	1.5	3.0	5.5	S	5	I04	067700-8691	100676-3370
IK22	Automobile		14	19	16	0.8	1.5	3.0	5.2	S	5	I10	067700-8431	100676-3450
IK24	Automobile		14	19	16	0.8	1.5	3.0	5.2	S	5	I11	067700-8461	100676-3460
IK27	Automobile		14	19	16	0.8	1.5	3.0	5.2	S	5	I12	067700-8472	100676-3470
IK31	Automobile		14	19	16	0.8	-0.5	1.0	3.2	S	5	I21	067700-9221	
IK34	Automobile		14	19	16	0.8	-0.5	1.0	3.2	S	5	I22	067700-9591	
IK16G	Automobile	SUS Gasket	14	19	16	1.1	1.5	3.0	5.5	S	5	I51	267700-5611	
IK20G	Automobile	SUS Gasket	14	19	16	1.1	1.5	3.0	5.5	S	5	I52	267700-5621	
IK22G	Automobile	SUS Gasket	14	19	16	0.8	1.5	3.0	5.2	S	5	I48	267700-5661	100676-5350
IK16L	Automobile	EXTENDED	14	19	16	1.1	2.5	5.0	7.8	RC	5	I57	267700-5121	
IK20L	Automobile	EXTENDED	14	19	16	1.1	2.5	5.0	7.8	RC	5	I58	267700-5131	
IKH16	Automobile		14	26.5	16	1.1	1.5	3.0	5.5	S	5	I43	267700-3661	100676-5160
IKH20	Automobile		14	26.5	16	1.1	1.5	3.0	5.5	S	5	I44	267700-3671	100676-5140
IKH22	Automobile		14	26.5	16	0.8	1.5	3.0	5.2	S	5	I45	267700-2651	100676-5170
IKH24	Automobile		14	26.5	16	0.8	1.5	3.0	5.2	S	5	I46	267700-4281	100676-5180
IKH27	Automobile		14	26.5	16	0.8	1.5	3.0	5.2	S	5	I47	267700-4291	
IW16	Automobile		14	19	20.6	1.1	1.5	3.0	5.5	RC	5	I05	067700-8651	100676-3400
IW20	Automobile		14	19	20.6	1.1	1.5	3.0	5.5	RC	5	I06	067700-8661	100676-3410
IW22	Automobile		14	19	20.6	0.8	1.5	3.0	5.2	RC	5	I07	067700-8671	100676-3420
IW24	Motorcycle		14	19	20.6	0.7	-0.5	1.5	3.6	RC	5	I16	067700-8891	
IW27	Motorcycle		14	19	20.6	0.7	-0.5	1.5	3.6	RC	5	I17	067700-8901	
IW29	Racing Kart		14	19	20.6	0.7	-0.5	1.5	3.6	RC	5	I18	067700-8911	
IW31	Racing Kart		14	19	20.6	0.7	-0.5	1.5	3.6	RC	5	I19	067700-8921	
IW34	Racing Kart		14	19	20.6	0.7	-0.5	1.5	3.6	RC	5	I20	067700-8931	
IWM24	Motorcycle	Compact insulator head	14	19	20.6	0.8	-1.5	0.5	2.7	S	5	I91	267700-2891	
IWM27	Motorcycle	Compact insulator head	14	19	20.6	0.8	-1.5	0.5	2.7	S	5	I92	267700-2901	
IWM31	Motorcycle	Compact insulator head	14	19	20.6	0.8	-1.5	0.5	2.7	S	5	I93	267700-2911	
IWF16	Motorcycle		14	12.7	20.6	0.8	1.5	3.0	5.2	R	5	I59	267700-5001	
IWF20	Motorcycle		14	12.7	20.6	0.8	1.5	3.0	5.2	R	5	I78	267700-5011	
IWF22	Motorcycle		14	12.7	20.6	0.8	-0.5	1.5	3.7	R	5	I79	067700-9411	
IWF24	Motorcycle		14	12.7	20.6	0.8	-0.5	1.5	3.7	R	5	I80	067700-9421	
IWF27	Motorcycle		14	12.7	20.6	0.8	-0.5	1.5	3.7	R	5	I81	067700-9431	
ITV16	Automobile	Taper Seat(Insulator Length 50mm)	14	25	16	1.1	1.5	3.0	5.5	S	5	I38	267700-3701	100676-5200
ITV20	Automobile	Taper Seat(Insulator Length 50mm)	14	25	16	1.1	1.5	3.0	5.5	S	5	I39	267700-3711	100676-5210
ITV22	Automobile	Taper Seat(Insulator Length 50mm)	14	25	16	0.8	1.5	3.0	5.2	S	5	I40	267700-2501	
ITV24	Automobile	Taper Seat(Insulator Length 50mm)	14	25	16	0.8	-0.5	1.0	3.2	S	5	I41	267700-2511	
ITV27	Automobile	Taper Seat(Insulator Length 50mm)	14	25	16	0.8	-0.5	1.0	3.2	S	5	I42	267700-2521	
ITL16	Automobile	Taper Seat(Insulator Length 56mm)	14	25	16	1.1	1.5	3.0	5.5	S	5	I49	267700-4981	
ITL20	Automobile	Taper Seat(Insulator Length 56mm)	14	25	16	1.1	1.5	3.0	5.5	S	5	I50	267700-4991	
IT16	Automobile	TAPER SEAT	14	17.5	16	1.1	1.5	3.0	5.5	S	5	I25	267700-0611	100676-3610
IT20	Automobile	TAPER SEAT	14	17.5	16	1.1	1.5	3.0	5.5	S	5	I26	267700-0621	100676-3620
IT22	Automobile	TAPER SEAT	14	17.5	16	0.8	1.5	3.0	5.2	S	5	I27	267700-0631	
IT24	Automobile	TAPER SEAT	14	17.5	16	0.8	-0.5	1.0	3.2	S	5	I28	267700-0641	
IT27	Automobile	TAPER SEAT	14	17.5	16	0.8	-0.5	1.0	3.2	S	5	I29	267700-0651	
ITF16	Automobile	TAPER SEAT	14	11.2	16	1.1	1.5	3.0	5.5	S	5	I30	267700-0661	
ITF20	Automobile	TAPER SEAT	14	11.2	16	1.1	1.5	3.0	5.5	S	5	I31	267700-0671	
ITF22	Automobile	TAPER SEAT	14	11.2	16	0.8	1.5	3.0	5.2	S	5	I32	267700-0681	
ITF24	Automobile	TAPER SEAT	14	11.2	16	0.8	-0.5	1.0	3.2	S	5	I33	267700-0691	
ITF27	Automobile	TAPER SEAT	14	11.2	16	0.8	-0.5	1.0	3.2	S	5	I34	267700-0701	
IXU22	Automobile		12	19	16	0.9	1.3	2.8	5.0	RC	5	I08	067700-8722	100676-3430
IXU24	Automobile		12	19	16	0.9	1.3	2.8	5.0	RC	5	I09	067700-8732	100676-3440
IXU27	Motorcycle		12	19	16	0.9	1.3	2.8	5.0	RC	5	I37	067700-8602	100676-3820
IXU22I	Automobile		12	19	16	0.9	1.3	3.5	5.7	S	5	I51	267700-8431	
IXUH22	Automobile		12	26.5	16	0.9	1.5	3.0	5.2	S	5	I53	267700-6451	
IXUH20I	Automobile		12	26.5	16	0.9	1.5	4.0	6.2	S	5	I54	267700-8171	
IXUH22I	Automobile		12	26.5	16	0.9	1.5	4.0	6.2	S	5	I56	267700-7371	

TYPE	APPLICATION	SPEC	DIA. (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (Ω)	No.	IRIDIUM POWER	IRIDIUM POWER
													ONE PC BOX	2pcs BLISTER PACK
													DENSO P/N	DENSO P/N
IX22	Motorcycle		12	19	18	0.8	0.6	2.0	4.1	R	5	I71	067700-9351	
IX24	Motorcycle		12	19	18	0.8	0.6	2.0	4.1	R	5	I72	067700-9361	
IX27	Motorcycle		12	19	18	0.8	0.6	2.0	4.1	R	5	I73	067700-9371	
IX22B	Motorcycle		12	19	18	0.9	1.5	2.8	5.0	R	5	I75	067700-9381	
IX24B	Motorcycle		12	19	18	0.9	1.5	2.8	5.0	R	5	I76	067700-9391	
IX27B	Motorcycle		12	19	18	0.9	1.5	2.8	5.0	R	5	I77	067700-9401	
IXG24	Motorcycle	SHROUD	12	21.8	18	0.7	0.7	2.0	4.1	R	5	I94	267700-2921	
IXG27	Motorcycle	SHROUD	12	21.8	18	0.7	0.7	2.0	4.1	R	5	I95	267700-2931	
IU20	Motorcycle		10	19	16	0.9	-0.5	0.7	2.6	R	5	I60	267700-5021	
IU22	Motorcycle		10	19	16	0.9	-0.5	0.7	2.6	R	5	I61	067700-9262	
IU24	Motorcycle		10	19	16	0.9	-0.5	0.7	2.6	R	5	I62	067700-9272	
IU27	Motorcycle		10	19	16	0.9	-0.5	0.7	2.6	R	5	I63	067700-9282	
IU31	Motorcycle		10	19	16	0.9	-0.5	0.7	2.6	R	5	I64	067700-9292	
IU24A	Motorcycle	SLANT GROUND ELECTRODE	10	19	16	0.9	-0.5	1.0	2.9	R	5	I65	067700-9302	
IU27A	Motorcycle	SLANT GROUND ELECTRODE	10	19	16	0.9	-0.5	1.0	2.9	R	5	I66	067700-9312	
IU31A	Motorcycle	SLANT GROUND ELECTRODE	10	19	16	0.9	-0.5	1.0	2.9	R	5	I67	067700-9321	
IU22D	Motorcycle	NON U-GROOVE	10	19	16	0.9	0.5	2.0	4.0	T	5	-	267700-0830	
IU24D	Motorcycle	NON U-GROOVE	10	19	16	0.9	0.5	2.0	4.0	T	5	I103	267700-0840	
IU27D	Motorcycle	NON U-GROOVE	10	19	16	0.9	0.5	2.0	4.0	T	5	I90	267700-0850	
IUH24	Motorcycle	HALF THREAD	10	19	16	0.9	0.6	2.0	3.9	R	5	I68	067700-9331	
IUH27	Motorcycle	HALF THREAD	10	19	16	0.9	0.6	2.0	3.9	R	5	I69	067700-9341	
IUF22	Motorcycle		10	12.7	16	0.8	0.6	2.0	3.8	R	5	I83	067700-9481	
IUF24	Motorcycle		10	12.7	16	0.8	0.6	2.0	3.8	R	5	I84	067700-9491	
IUF27A	Motorcycle	SLANT GROUND ELECTRODE	10	12.7	16	0.9	-0.5	1.0	2.9	R	5	I85	067700-9701	
IUF31A	Motorcycle	SLANT GROUND ELECTRODE	10	12.7	16	0.9	-0.5	1.0	2.9	R	5	I86	067700-9711	
IY24	Motorcycle	HALF THREAD	8	19	13	0.7	0.6	1.4	2.9	R	5	I100	267700-4491	
IY27	Motorcycle	HALF THREAD	8	19	13	0.7	0.6	1.4	2.9	R	5	I101	267700-4501	
IY31	Motorcycle	HALF THREAD	8	19	13	0.7	-0.5	0.5	2.0	R	5	I102	267700-4511	

0.4mm diameter IRIDIUM PLUG

TYPE	APPLICATION	SPEC	DIA. (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (Ω)	No.	IRIDIUM	IRIDIUM
													ONE PC BOX	2pcs BLISTER PACK
													DENSO P/N	DENSO P/N
IK24C11	Motorcycle		14	19	16	1.1	1.5	3.0	5.7	S	5	I35	067700-9550	
IK27C11	Motorcycle		14	19	16	1.1	0.5	2.0	4.7	S	5	I36	067700-9520	
IXU22C	Automobile	NON U-GROOVE	12	19	16	0.8	1.3	2.8	4.9	S	5	-	267700-5170	
IXU22HPR	Automobile	NON U-GROOVE	12	26.5	16	0.8	1.5	3.0	5.1	S	5	I74	267700-7170	
IU31D	Motorcycle	NON U-GROOVE	10	19	16	0.9	-0.5	1.0	3.0	T	5	-	267700-0860	
IUH24D	Motorcycle	HALF THREAD	10	19	16	0.9	0.6	2.0	4.0	T	5	I87	067700-9560	
IUH27D	Motorcycle	HALF THREAD	10	19	16	0.9	0.6	2.0	4.0	T	5	I88	067700-9570	
IUF14-UB	MARINE		10	12.7	16	0.7	0.6	1.6	3.3	S	5	I89	267700-0540	
VK16PR-Z11	Motorcycle	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	1.5	3.0	5.7	S	5	V28	267700-1840	
VK20PR-Z11	Motorcycle	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	1.5	3.0	5.7	S	5	V15	267700-1850	
VK22PR-Z11	Motorcycle	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	1.5	3.0	5.7	S	5	V29	267700-1860	
VK24PR-Z11	Motorcycle	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	1.5	3.0	5.7	S	5	V16	267700-1870	
VK27PR-Z11	Motorcycle	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	0.5	2.0	4.7	S	5	V30	267700-2050	
VKJ20RZ-M11	Motorcycle	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	3.0	5.0	7.7	S	5	V33	267700-1970	
SVK20RZ8	Automobile	GROUND ELEC. Pt.&TAPERCUT	14	19	16	0.8	1.5	3.5	5.7	S	5	S18	067700-9740	
SVK20RZ11	Automobile	GROUND ELEC. Pt.&TAPERCUT	14	19	16	1.1	1.5	3.5	6.0	S	5	S52	067700-8620	
VX20BC	Motorcycle	GROUND ELEC. Pt.	12	19	18	0.9	1.5	2.8	5.0	T	5	V34	067700-9830	
VX22BC	Motorcycle	GROUND ELEC. Pt.	12	19	18	0.9	1.5	2.8	5.0	T	5	V14	067700-9720	
VUH24D	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT	10	19	16	0.9	0.6	2.0	4.0	T	5	V26	267700-2011	
VUH27D	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT	10	19	16	0.9	0.6	2.0	4.0	T	5	V27	267700-1931	
VUH24ES	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT,SUS GASKET	10	19	16	0.9	0.6	2.0	4.0	T	5	V57	267700-6130	
VUH27ES	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT,SUS GASKET	10	19	16	0.9	0.6	2.0	4.0	T	5	V42	267700-4770	
VNH24Z	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT	10	19	16	0.9	0.6	2.0	4.0	S	5	V32	267700-2060	
VNH27Z	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT	10	19	16	0.9	0.6	2.0	4.0	S	5	V31	267700-2070	
VNH27ZB	Motorcycle	HALF THREAD,Ground Elec. Pt.&TAPERCUT	10	19	16	0.9	0.6	2.0	4.0	S	5	-	267700-1920	

Spark gap example For a 1.1 mm gap, set from 1.0 to 1.1 mm.
 Insulator projection Length from edge of side housing to top of insulator.
 Spark position The plus (+) direction is the distance from the edge to the piston head.
 Spark position Length from edge of side housing to top of center electrode.
 The plus (+) direction is the distance from the edge to the piston head.
 Ground electrode height Length from edge of side housing to top of ground electrode.
 The plus (+) direction is the distance from the edge to the piston head.
 Terminal shapes S: solid terminal, R: removable, RC: crimped nut, T: threaded
 Note: Please purchase plugs equipped as original parts at stores that sell original parts.



MEMO

A series of horizontal dashed lines for writing.

IRIDIUM TOUGH® Specifications

TYPE	APPLICATION	SPEC	DIA. (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (kΩ)	No.	IRIDIUM TOUGH®	IRIDIUM TOUGH®
													ONE PC BOX	2pcs BLISTER PACK
													DENSO P/N	DENSO P/N
VQ16	Automobile	JIS	14	19	16	1.1	1.5	3.0	5.7	S	5	V01	267700-0741	100676-3740
VQ20	Automobile	JIS	14	19	16	1.1	1.5	3.0	5.7	S	5	V02	267700-0751	100676-3750
VQ22	Automobile	JIS	14	19	16	0.8	1.5	3.0	5.4	S	5	V13	267700-0761	100676-3760
VK16	Automobile	ISO	14	19	16	1.1	1.5	3.0	5.7	S	5	V03	267700-0711	100676-3710
VK20	Automobile	ISO	14	19	16	1.1	1.5	3.0	5.7	S	5	V04	267700-0721	100676-3720
VK22	Automobile	ISO	14	19	16	0.8	1.5	3.0	5.4	S	5	V10	267700-0731	100676-3730
VK16G	Automobile	SUS GASKET	14	19	16	1.1	1.5	3.0	5.7	S	5	V40	267700-5631	
VK20G	Automobile	SUS GASKET	14	19	16	1.1	1.5	3.0	5.7	S	5	V41	267700-5641	
VK22G	Automobile	SUS GASKET	14	19	16	0.8	1.5	3.0	5.4	S	5	V36	267700-5671	100676-5340
VK20Y	Automobile		14	19	16	0.8	1.5	3.0	5.4	S	5	V20	267700-3721	100676-3950
VKA16	Automobile	NEW 3 ELECTRODE SHROUD	14	22	16	1.1	2.5	4.0	6.5	S	5	V22	267700-5031	100676-5360
VKA20	Automobile	NEW 3 ELECTRODE SHROUD	14	22	16	1.1	2.5	4.0	6.5	S	5	V23	267700-5041	100676-5370
VKB16	Automobile	NEW 3 ELECTRODE	14	19	16	1.1	2.5	4.0	6.5	S	5	V24	267700-5051	100676-5380
VKB20	Automobile	NEW 3 ELECTRODE	14	19	16	1.1	2.5	4.0	6.5	S	5	V25	267700-5061	100676-5390
VFK16	Automobile	DOUBLE NEEDLE Ir & Pt ELEC.	14	19	16	1.1	1.5	3.0	6.5	S	5	V47	267700-9151	
VFK20F	Automobile	DOUBLE NEEDLE Ir & Pt ELEC. COPPER CORE GROUND ELEC.	14	19	16	1.1	1.5	3.0	6.5	S	5	V48	267700-9161	
VFKB16	Automobile	NEW 3 ELECTRODE, DOUBLE NEEDLE IRIIDIUM, PLATINUM	14	19	16	0.8	2.5	4.0	7.0	S	5	V64	267700-9271	
VFKH16	Automobile	DOUBLE NEEDLE Ir & Pt ELEC.	14	26.5	16	0.8	2.5	4.0	7.3	S	5	V54	267700-7411	
VFKH20	Automobile	DOUBLE NEEDLE Ir & Pt ELEC.	14	26.5	16	0.8	2.5	4.0	7.3	S	5	V55	267700-7421	
VFKBH20	Automobile	NEW 3 ELECTRODE, DOUBLE NEEDLE IRIIDIUM, PLATINUM	14	26.5	16	0.8	2.5	4.0	7.1	S	5	V43	267700-7661	
VKH16	Automobile		14	26.5	16	1.1	1.5	3.0	5.7	S	5	V17	267700-3681	100676-5250
VKH20	Automobile		14	26.5	16	1.1	1.5	3.0	5.7	S	5	V18	267700-3691	100676-5150
VKH20Y	Automobile		14	26.5	16	0.8	1.5	3.0	5.4	S	5	V39	267700-4541	100676-5260
VKH22	Automobile		14	26.5	16	0.8	1.5	3.0	5.4	S	5	V19	267700-2681	100676-5270
VW16	Automobile		14	19	20.6	1.1	1.5	3.0	5.5	S	5	V05	267700-0771	100676-3770
VW20	Automobile		14	19	20.6	1.1	1.5	3.0	5.5	S	5	V06	267700-0781	100676-3780
VW22	Automobile		14	19	20.6	0.8	1.5	3.0	5.2	S	5	V07	267700-0791	100676-3790
VT16	Automobile	TAPER SEAT	14	17.5	16	1.1	1.5	3.0	5.5	S	5	V21	267700-2811	100676-5280
VT20	Automobile	TAPER SEAT	14	17.5	16	1.1	1.5	3.0	5.5	S	5	V38	267700-4481	100676-5290
VXU20	Automobile		12	19	16	1.1	1.5	3.0	5.4	S	5	V49	267700-9141	
VXU22	Automobile		12	19	16	0.9	1.3	2.8	5.0	RC	5	V08	267700-0801	100676-3800
VXU24	Automobile		12	19	16	0.9	1.3	2.8	5.0	RC	5	V09	267700-0811	100676-3810
VXU22I	Automobile		12	19	16	0.9	1.3	3.5	5.7	S	5	V51	267700-8441	
VXUH22	Automobile		12	26.5	16	0.9	1.5	3.0	5.2	S	5	V11	267700-6461	
VXUH20I	Automobile		12	26.5	16	0.9	1.5	4.0	6.2	S	5	V50	267700-8161	
VXUH22I	Automobile		12	26.5	16	0.9	1.5	4.0	6.2	S	5	V56	267700-7381	
VXUHC22G	Automobile	SUS GASKET SHROUD	12	28	16	0.8	2.0	3.5	5.6	S	5	V52	267700-8671	
VFXUHC22FG	Automobile	DOUBLE NEEDLE Ir & Pt ELEC, SUS GASKET SHROUD	12	28	16	1.1	2.0	3.5	5.7	S	5	V53	267700-8681	
VCH16	Automobile		12	26.5	14	1.1	2.5	4.0	6.4	S	5	V58	267700-9211	
VCH20	Automobile		12	26.5	14	1.1	2.5	4.0	6.4	S	5	V37	267700-7671	
VFCH16	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE	12	26.5	14	0.8	2.5	4.0	6.8	S	5	V65	267700-9281	
VDCH22F	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE	12	26.5	14	0.9	3	3.0	6.0	S	5	V63	267700-9291	
VDKH22F	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE	14	26.5		0.9	3	3.0	6.3	S	5	V62	267700-8751	
VXEBH27	Automobile	NEW 3 & COPPER CORE GROUND ELEC.	12	26.5	14	0.8	2	3.5	5.6	S	5	V86	267700-9171	
VXEHC24G	Automobile	SUS GASKET SHROUD 1.5mm	12	28	14	0.8	2	3.0	5.7	S	5	V60	267700-9231	
VFXEH20E	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE, SHROUD 2mm	12	28.5	14	1.1	2.5	4.0	7.2	S	5	V44	267700-7631	
VFXEH22	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE	12	26.5	14	1.1	2.5	4.0	7.2	S	5	V46	267700-7651	
VFXEH20	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE	12	26.5	14	1.1	2.5	4.0	7.2	S	5	V45	267700-7641	
VFXEHC22G	Automobile	DOUBLE NEEDLE Ir & Pt ELECTRODE, SHROUD 1.5mm	12	28	14	0.8	2	3.5	6.4	S	5	V59	267700-9221	
VSUEH22	Automobile	M10x26.5	10	26.5	14	0.7	3	1.5	4.8	S	5	V61	267700-9241	

Spark gap exampleFor a 1.1 mm gap, set from 1.0 to 1.1 mm.

Insulator projection.....Length from edge of side housing to top of insulator. The plus (+) direction is the distance from the edge to the piston head.

Spark positionLength from edge of side housing to top of center electrode. The plus (+) direction is the distance from the edge to the piston head.

Ground electrode height.....Length from edge of side housing to top of ground electrode. The plus (+) direction is the distance from the edge to the piston head.

Terminal shapes.....S: solid terminal, R: removable, RC: crimped nut, T: threaded

IRIDIUM RACING® Specifications

TYPE	APPLICATION	SPEC	DIA. (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	GROUND ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (K)	No.	IRIDIUM RACING ONE PC BOX
													DENSO P/N
IK01-24	Automobile	ISO(SLANT ELEC.)	14	19	16	0.7	-1.0	0.5	2.0	S	5	R01	267700-1311
IK01-27	Automobile	ISO(SLANT ELEC.)	14	19	16	0.7	-1.0	0.5	2.0	S	5	R02	267700-1321
IK01-31	Automobile	ISO(SLANT ELEC.)	14	19	16	0.7	-1.0	0.5	2.0	S	5	R03	267700-1331
IK01-34	Automobile	ISO(SLANT ELEC.)	14	19	16	0.7	-1.0	0.5	2.0	S	5	R42	267700-1341
IK02-24	Automobile	ISO(STRAIGHT ELEC.)	14	19	16	0.7	-2.3	-0.8	0.7	S	5	R04	267700-1361
IK02-27	Automobile	ISO(STRAIGHT ELEC.)	14	19	16	0.7	-2.3	-0.8	0.7	S	5	R05	267700-1371
IK02-31	Automobile	ISO(STRAIGHT ELEC.)	14	19	16	0.7	-2.3	-0.8	0.7	S	5	R06	267700-1381
IKH01-24	Automobile	LONG REACH	14	26.5	16	0.7	-1.0	0.5	2.0	S	5	R49	267700-4451
IKH01-27	Automobile	LONG REACH	14	26.5	16	0.7	-1.0	0.5	2.0	S	5	R50	267700-4461
IKH01-31	Automobile	LONG REACH	14	26.5	16	0.7	-1.0	0.5	2.0	S	5	R51	267700-4471
IQ01-24	Automobile	SLANT ELEC.	14	19	16	0.7	-1.0	0.5	2.0	S	5	R07	267700-1411
IQ01-27	Automobile	SLANT ELEC.	14	19	16	0.7	-1.0	0.5	2.0	S	5	R08	267700-1421
IQ01-31	Automobile	SLANT ELEC.	14	19	16	0.7	-1.0	0.5	2.0	S	5	R09	267700-1431
IQ01-34	Automobile	SLANT ELEC.	14	19	16	0.7	-1.0	0.5	2.0	S	5	R43	267700-1441
IQ02-24	Automobile	STRAIGHT ELEC.	14	19	16	0.7	-2.3	-0.8	0.7	S	5	R10	267700-1461
IQ02-27	Automobile	STRAIGHT ELEC.	14	19	16	0.7	-2.3	-0.8	0.7	S	5	R11	267700-1471
IQ02-31	Automobile	STRAIGHT ELEC.	14	19	16	0.7	-2.3	-0.8	0.7	S	5	R12	267700-1481
IW01-24	Motorcycle	W-E	14	19	20.6	0.6	-1.5	0.0	1.6	RC	5	R13	267700-1111
IW01-27	Motorcycle	W-E	14	19	20.6	0.6	-1.5	0.0	1.6	RC	5	R14	267700-1121
IW01-29	Racing Kart	W-E	14	19	20.6	0.6	-1.5	0.0	1.6	RC	5	R15	267700-1131
IW01-31	Racing Kart	W-E	14	19	20.6	0.6	-1.5	0.0	1.6	RC	5	R16	267700-1141
IW01-32	Racing Kart	W-E	14	19	20.6	0.6	-1.5	0.0	1.6	RC	5	R17	267700-1151
IW01-34	Racing Kart	W-E	14	19	20.6	0.6	-1.5	0.0	1.6	RC	5	R18	267700-1161
IW06-27	Automobile	W-E NON RESISTOR	14	19	20.6	0.6	-1.5	0.0	1.6	S	0	R44	067600-1811
IW06-31	Automobile	W-E NON RESISTOR	14	19	20.6	0.6	-1.5	0.0	1.6	S	0	R45	067600-1821
IW06-34	Automobile	W-E NON RESISTOR	14	19	20.6	0.6	-1.5	0.0	1.6	S	0	R46	067600-1831
IRE01-27	Rotary Engine	ROTARY ENGINE	14	21.5	20.6	0.7	-2.2	-0.7	0.8	S	5	R19	267700-1521
IRE01-31	Rotary Engine	ROTARY ENGINE	14	21.5	20.6	0.7	-2.2	-0.7	0.8	S	5	R20	267700-1531
IRE01-32	Rotary Engine	ROTARY ENGINE	14	21.5	20.6	0.7	-2.2	-0.7	0.8	S	5	R21	267700-1541
IRE01-34	Rotary Engine	ROTARY ENGINE	14	21.5	20.6	0.7	-2.2	-0.7	0.8	S	5	R22	267700-1551
IRE01-35	Rotary Engine	ROTARY ENGINE	14	21.5	20.6	0.7	-2.2	-0.7	0.8	S	5	R41	267700-1561
IRL01-27	Rotary Engine	ROTARY RX8(LEADING)	14	21	20.6	1.1	-2.5	-0.5	1.6	S	5	R54	267700-4821
IRL01-31	Rotary Engine	ROTARY RX8(LEADING)	14	21	20.6	1.1	-2.5	-0.5	1.6	S	5	R55	267700-4831
IRT01-31	Rotary Engine	ROTARY RX8(TRAILING)	14	19	20.6	1.1	-2.5	-0.5	1.6	S	5	R52	267700-4841
IRT01-34	Rotary Engine	ROTARY RX8(TRAILING)	14	19	20.6	1.1	-2.5	-0.5	1.6	S	5	R53	267700-4851
IA01-31	Motorcycle	WITH DETONATION COUNTER	14	22	16	0.6	-1.0	0.5	1.9	S	5	R23	267700-1261
IA01-32	Motorcycle	WITH DETONATION COUNTER	14	22	16	0.6	-1.0	0.5	1.9	S	5	R24	267700-1271
IA01-34	Motorcycle	WITH DETONATION COUNTER	14	22	16	0.6	-1.0	0.5	1.9	S	5	R25	267700-1281
IAE01-32	Motorcycle	W/OUT DETONATION COUNTER	14	19	16	0.6	-1.3	0.5	2.1	S	5	R47	267700-2941
IAE01-34	Motorcycle	W/OUT DETONATION COUNTER	14	19	16	0.6	-1.3	0.5	2.1	S	5	R48	267700-2951
IWM01-29	Motorcycle	W-EM	14	19	20.6	0.6	-1.5	0.0	1.6	S	5	R26	267700-1211
IWM01-31	Motorcycle	W-EM	14	19	20.6	0.6	-1.5	0.0	1.6	S	5	R27	267700-1221
IWM01-32	Motorcycle	W-EM	14	19	20.6	0.6	-1.5	0.0	1.6	S	5	R28	267700-1231
IWM01-34	Motorcycle	W-EM	14	19	20.6	0.6	-1.5	0.0	1.6	S	5	R29	267700-1241
IXU01-24	Motorcycle	XU-E	12	19	16	0.6	-1.5	0.0	1.4	R	5	R30	267700-1061
IXU01-27	Motorcycle	XU-E	12	19	16	0.6	-1.5	0.0	1.4	R	5	R31	267700-1071
IXU01-31	Motorcycle	XU-E	12	19	16	0.6	-1.5	0.0	1.4	R	5	R32	267700-1081
IXU01-34	Motorcycle	XU-E	12	19	16	0.6	-1.5	0.0	1.4	R	5	R33	267700-1091
IU01-24	Motorcycle	U-E	10	19	16	0.6	-1.8	-0.3	1.2	R	5	R34	267700-1011
IU01-27	Motorcycle	U-E	10	19	16	0.6	-1.8	-0.3	1.2	R	5	R35	267700-1021
IU01-31	Motorcycle	U-E	10	19	16	0.6	-1.8	-0.3	1.2	R	5	R36	267700-1031
IU01-34	Motorcycle	U-E	10	19	16	0.6	-1.8	-0.3	1.2	R	5	R37	267700-1041
*RU01-27	Motorcycle	U-E(SURFACE)	10	19	16	1.1	-0.2	0.0	0.0	R	5	R38	267700-1571
*RU01-31	Motorcycle	U-E(SURFACE)	10	19	16	1.1	-0.2	0.0	0.0	R	5	R39	267700-1581
*RU01-34	Motorcycle	U-E(SURFACE)	10	19	16	1.1	-0.2	0.0	0.0	R	5	R40	267700-1591

* These plugs do not have iridium electrodes.

Spark gap example For a 1.1 mm gap, set from 1.0 to 1.1 mm.

Insulator projection Length from edge of side housing to top of insulator. The plus (+) direction is the distance from the edge to the piston head.

Spark position Length from edge of side housing to top of center electrode. The plus (+) direction is the distance from the edge to the piston head.

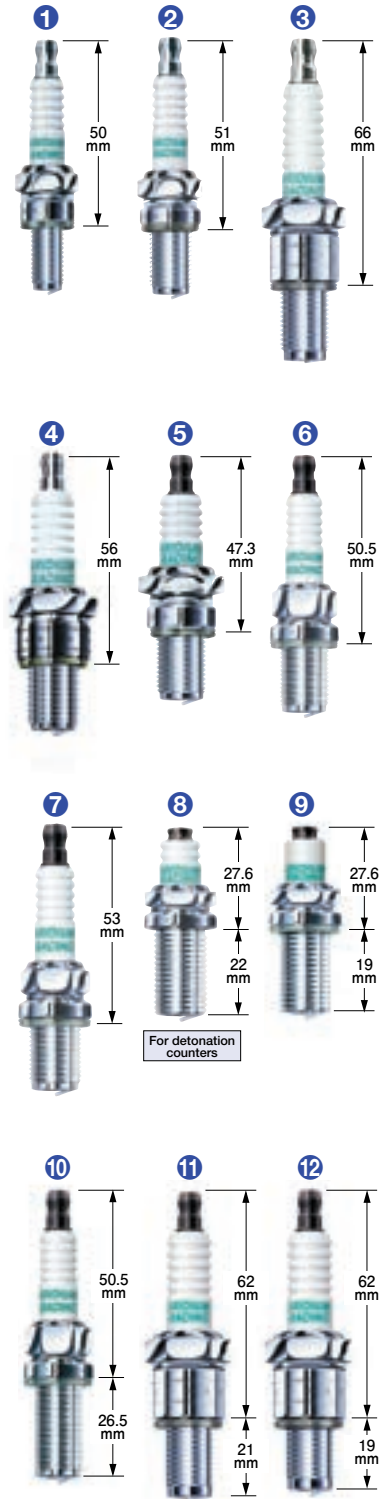
Ground electrode height Length from edge of side housing to top of ground electrode. The plus (+) direction is the distance from the edge to the piston head.

Terminal shapes S: solid terminal, R: removable, RC: crimped nut, T: threaded

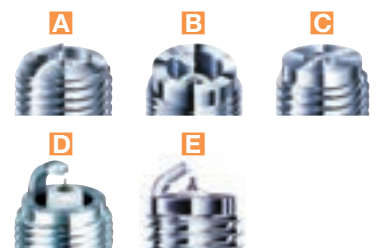
IRIDIUM RACING® CROSS REFERENCE

DENSO			NGK					
IRIDIUM POWER	IRIDIUM RACING	FIGURE	DIA. (mm)	REACH (mm)	HEX (mm)	RESISTOR	FIGURE	TYPE
IW□		4 D	14	19	20.6		BP-E	R4304A-□
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6		B-E	B□EGP
IW□		4 D	14	19	20.6		B-E	B□EGV
IW□		4 D	14	19	20.6		B-E	R4118S-□
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6		B-E	R4630A-□
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6	R	B-E	R6252K-□
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6	R	B-E	R6918B-□
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6	R	B-E	R6918C-□
IW□		4 D	14	19	20.6	R	B-E	R6021E-□
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6	R	B-E	R6385-□P
	IW01/IW06-□ (Note 1)	4 A	14	19	20.6	R	B-E	R7376-□(Ir)
			14	19	20.6		B-E SEMISURFACE	R5649-□
			14	19	20.6	R	B-E SEMISURFACE	R6712-□
	IWM01-□	5 A	14	19	20.6		B-E COMPACT	R5184-□
			14	19	20.6	R	B-E COMPACT	R5300A-□
			14	19	20.6	R	B-E COMPACT	R5300N-□
			14	19	20.6	R	B-E COMPACT	R5540F-□
	IWM01-□	5 A	14	19	20.6	R	B-E COMPACT	R6179A-□P
			14	22	20.6	R	B-E COMPACT	R6179C-□PA
			14	22	20.6	R	B-E	R7376B(Ir)
	IA01-□	8 A	14	22	16	R	BC-E COMPACT	R6120A-□
	IA01-□	8 A	14	22	16	R	BC-E COMPACT	R7282A-□ (Ir)
	IAE01-□	9 A	14	19	16	R	BC-E COMPACT	R6120-□
	IAE01-□ (Note 2)	9 A	14	19	16	R	BC-E COMPACT	R6120C-□
	IAE01-□ (Note 2)	9 A	14	19	16	R	BC-E COMPACT	R6120M-□
	IAE01-□	9 A	14	19	16	R	BC-E COMPACT	R7282-□(Ir)
	IAE01-□ (Note 2)	9 A	14	19	16	R	BC-E COMPACT	R7282C-□(Ir)
	IAE01-□ (Note 2)	9 A	14	19	16	R	BC-E COMPACT	R7282M-□(Ir)
IK□		6 D	14	19	16	R	BK-E ISO	R6888A-□
IK□		6 D	14	19	16		BK-E ISO	R7112-□
IK□		6 D	14	19	16	R	BK-E ISO	R7113-□
IK□		6 D	14	19	16	R	BK-E ISO	R7433-□(Ir)
IK□		6 D	14	19	16		BK-E ISO	R7114-□
IK□		6 D	14	19	16	R	BK-E ISO	R7115-□
	IK01-□	6 A	14	19	16	R	BK-E ISO	R7116-□
	IK01-□	6 A	14	19	16	R	BK-E ISO	R7117-□
	IK02-□	6 B	14	19	16	R	BK-E ISO	R7118-□
	IK02-□	6 B	14	19	16	R	BK-E ISO	R7119-□
	IK01-□	6 A	14	19	16	R	BK-E ISO	R7434-□(Ir)
	IK02-□	6 B	14	19	16	R	BK-E ISO	R7279-□(Ir)
			14	19	16	R	BK-E SEMISURFACE	R6601-□
			14	19	16		BK-E SEMISURFACE	R6711-□
IQ□		7 D	14	19	16	R	BCP-E	R7435-□(Ir)
IQ□		7 D	14	19	16		BCP-E	R7232-□
IQ□		7 D	14	19	16	R	BCP-E	R7233-□
IQ□		7 D	14	19	16		BC-E	R7234-□
IQ□		7 D	14	19	16	R	BC-E	R7235-□
	IQ01-□	7 A	14	19	16		BC-E	R7236-□
	IQ01-□	7 A	14	19	16	R	BC-E	R7237-□
	IQ02-□	7 B	14	19	16		BC-E	R7238-□
	IQ02-□	7 B	14	19	16	R	BC-E	R7239-□
	IQ01-□	7 A	14	19	16	R	BC-E	R7436-□(Ir)
			14	19	16		BC-E SEMISURFACE	R5883-□
			14	19	16	R	BC-E SEMISURFACE	R6690-□
IKH□		10 D	14	26.5	16	R	LFR	R7437-□(Ir)
	IKH01-□	10 A	14	26.5	16	R	LFR	R7438-□(Ir)
IWF□		— D	14	12.7	20.6		B-H	R5525-□
			14	12.7	20.6		B-H	R5530-□
	IRE01-□	3 B	14	21.5	20.6	R	ROTARY	R6725-□
	IRE01-□	3 B	14	21.5	20.6	R	ROTARY	R7420-□(Ir)
			14	21.5	20.6		ROTARY, SURFACE	T813J-N13
	IRL01-□	11 A	14	21	20.6	R	ROTARY RX-8(L)	R7440A-□L(Ir)
	IRT01-□	12 A	14	19	20.6	R	ROTARY RX-8(T)	R7440B-□T(Ir)
	IXU01-□ (Note 3)	2 A	12	19	18		D-E	R216-□
IX□ (Note 3)	IXU01-□ (Note 3)	2 D, 2 A	12	19	18		D-E	R217-□
			12	21	18		D-Z	R2188-□
			12	19	16	R	DC-E SEMISURFACE	R2349-□
	IXU01-□ (Note 3)	2 A	12	19	16	R	DC-E	R2525-□
			12	19	16		DC-E SEMISURFACE	R2430-□
IU□A	IU01-□	1 A	10	19	16		C-E	R016-□
	IU01-□	1 E	10	19	16		C-E	R017-□
	IU01-□	1 A	10	19	16		C-E	R0373A-□(Ir)
			10	19	16		C-E SEMISURFACE	R0045G-□
	RU01-□	1 C	10	19	16		C-E SEMISURFACE	R0045J-□
	RU01-□	1 C	10	19	16	R	C-E SEMISURFACE	R0045Q-□
	IU01-□	1 A	10	19	16	R	C-EH HALF THREAD	R0379A-10(Ir), R0409B-□
IUF□(A)		— D, — E	10	12.7	16		C-H	R0161-□
IY□		— D	8	19	12.7	R	E-EH SEMISURFACE	R847-□

Overall shape



Electrode shape



(Note 1) IW06 is a non resistor type
 (Note 2) Remove the gasket with nippers before use
 (Note 3) IX □ B and IX □ is different from IXU01-□ only in the hex size (18 mm or 16 mm), and are otherwise interchangeable in terms of installation.
 (□) show the heat range.

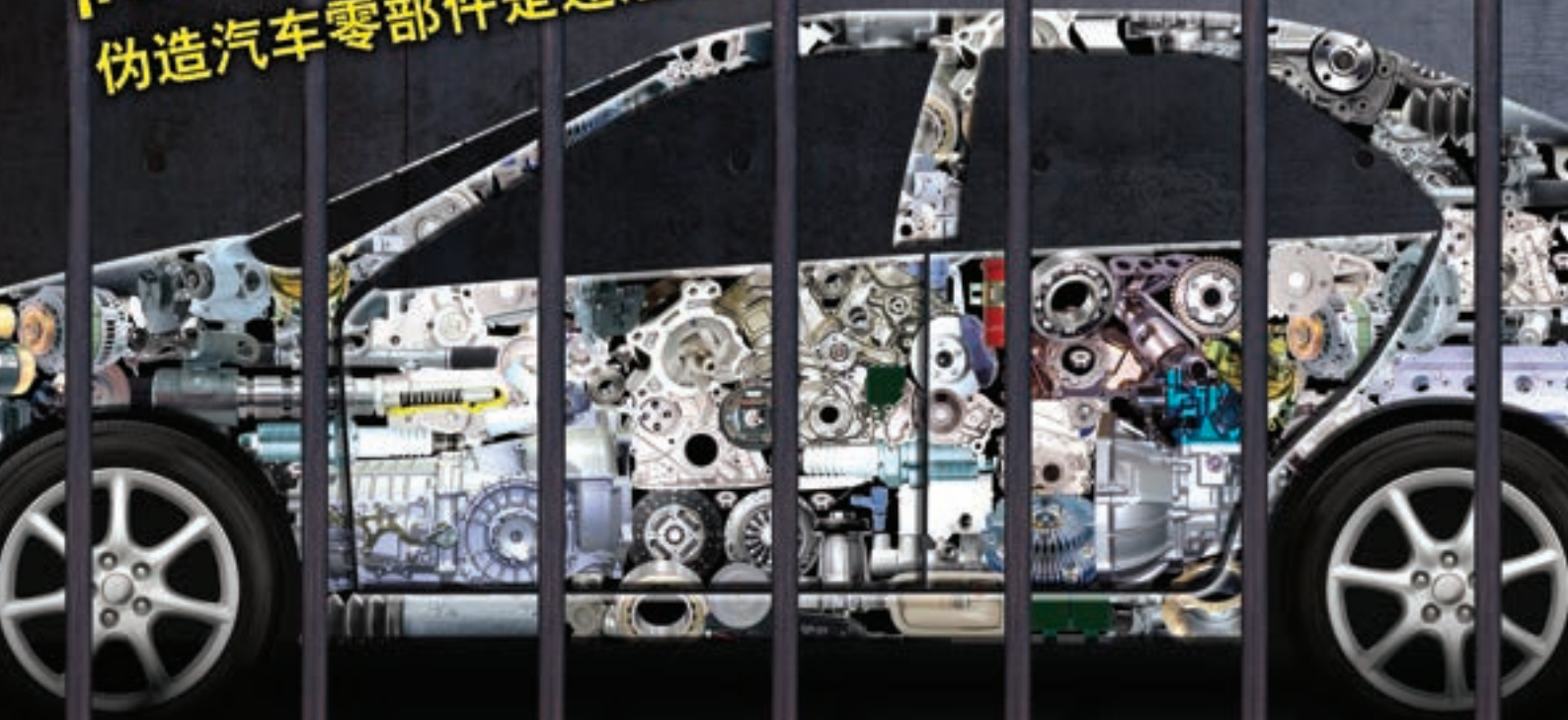


WARNING!

Counterfeit auto parts are illegal!

¡Falsificar las piezas de automóviles es un acto ilegal!

伪造汽车零部件是违法的!



JAPIA

Japan Auto Parts Industries Association

If you find any counterfeit parts, please contact us at "info@japia.or.jp"



Comparison Between Genuine DENSO and Fake Spark Plugs

Appearance

Compare a potential counterfeit and a genuine DENSO Spark Plug side by side.



Insulator
Counterfeit spark plugs have an irregular insulator shape. The shape should be uniform.



Ground electrode
The width of the ground electrode is usually inconsistent on counterfeit products.



Material
A scratch test can reveal the cheap materials used in counterfeit products.



Ground electrode chip
Counterfeit spark plugs are prone to have cheaper or fake material coatings.



Center electrode
Look out for poor quality welding.



Branding
Counterfeit spark plugs lack precision when embossing the DENSO logo and often display spelling mistakes.

Problems Caused by Fake Spark Plugs

Problem 1

Fuel economy is diminished.



Inconsistent sparking causes incomplete combustion. Unburned fuel forms a black sooty deposit on the spark plug, eventually leading to poor fuel economy and poor start up of the engine.

Problem 2

Engine power drops on uphill roads and highways.



Poor heat dissipation due to the lack of a copper-core center electrode causes pre-ignition. As a result, engine power drops under highway driving or uphill driving conditions.

Problem 3

The plug melts down.

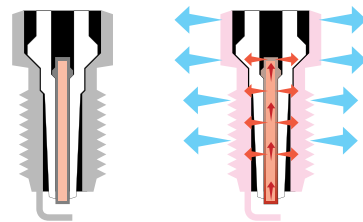


Continued usage of an overheated plug will damage the electrodes.

Why Power Drops and Melting Occurs

DENSO

DENSO plug contains copper core



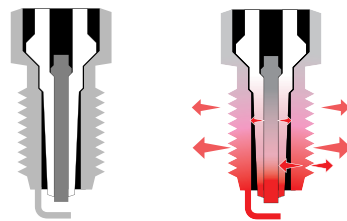
Quick heat dissipation.

Copper is an excellent heat conductor. High temperature heat is quickly dissipated away from the center-electrode to prevent melt down.

(See below)

Fake

Fake plug is iron only



Slow heat dissipation.

Absence of a copper-core center electrode results in poor heat dissipation capability. Prolonged use causes power loss due to excessive heat buildup. This results in melt down of the ground electrode, eventually leading to serious engine damage.

Finally ...

