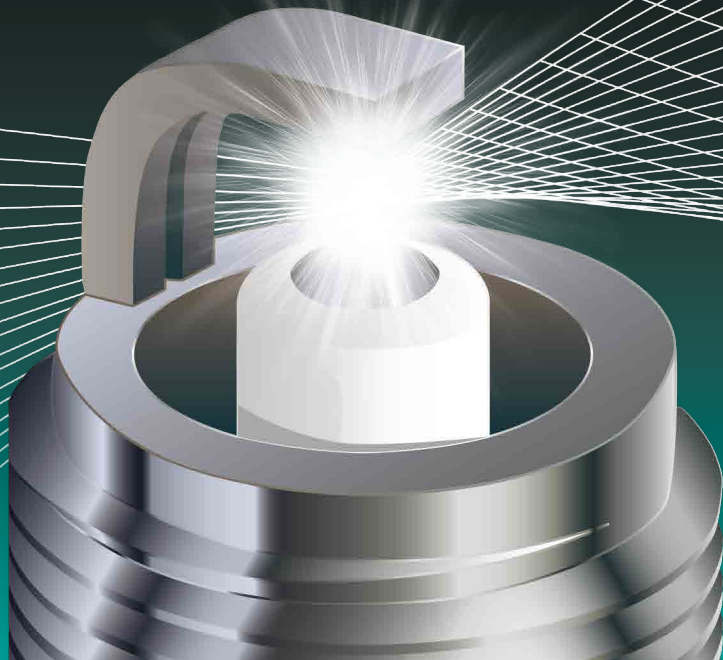


ABSEL

SPARK PLUGS

MAXIMIZE YOUR
ENGINE'S POTENTIAL



MAXIMIZE YOUR ENGINE'S POTENTIAL

The quality of spark plugs plays a crucial role in the overall performance and efficiency of the engine. By switching to ABSEL spark plugs with advanced electrode technologies, drivers can experience smoother acceleration, increased fuel economy, reduced emissions, and extended lifespan.



POWER



ABSEL POWER spark plugs with nickel electrodes provide excellent corrosion resistance and durability, ensuring stable performance and reliability.

IRIDIUM



ABSEL IRIDIUM spark plugs are designed to deliver superior power, fuel efficiency, and extended engine life.

PLATINUM



The design of ABSEL PLATINUM spark plugs with platinum electrodes ensures exceptional durability and corrosion resistance for high-performance engines.

POWER

ABSEL POWER spark plugs with nickel electrodes provide excellent corrosion resistance and durability, ensuring stable performance and reliability.

ABSEL

SKU	Engineering №	Electrodes design	NGK	BOSCH	DENSO
XN 610 115	NiRA6N-10	Power Ni	ZKR6B10E	YR8SEU	SXU22HDR9
XN 610 173	NiRM6N	Power Ni	BKR6E	FR7DC	K20PRU
XN 510 200	NiRZ5N-13	Power Ni	TR5B13	HR8MCV	T16VRU10
XN 610 148	NiRH6N	Power Ni	BPR6ES	WR7DC	W20EPRU
XN 610 177	NiRM6P-11	Power Ni	ZFR6F11	-	KJ20CRU11
XN 610 171	NiRM6C-10	Power Ni	BKUR6ET10	-	K20PBR510
XN 510 162	NiRM5N	Power Ni	BKR5ES	FR8DC+	K16PRU
XN 710 132	NiRAG7P-10	Power Ni	ZKER6A10EG	Y7LER02	-
XN 610 174	NiRM6N-11	Power Ni	BKR6ES11	-	K20PRL11
XN 510 163	NiRM5N-11	Power Ni	BKR5ES11	-	K16PRU11
XN 610 179	NiRM6Q-11	Power Ni	ZFR6K11	FR7LCX	-
XN 610 168	NiRM6B	Power Ni	BKR6EK	FR7LDC	-
XN 710 130	NiRAG7N	Power Ni	DCPR7E	YR7DC	-
XN 610 187	NiRP6N-11	Power Ni	LFRC611	FR7NEU	K20HRU11
XN 510 158	NiRM5B	Power Ni	BKR5EK	-	-
XN 610 207	NiX6N	Power Ni	BP6EFS	HR7DC+	T20EPRU
XN 510 164	NiRM5P-11	Power Ni	ZFR5F11	FR8LCX	KJ16CRU11
XN 610 147	NiRH6C	Power Ni	BUR6ET	WR7LTC+	W20EPBR5
XN 510 201	NiRM5C	Power Ni	BKUR5ET10	FLR8LDCU+	K16TNR59
XN 610 208	NiRM6T-11	Power Ni	ZFR6T11G	FR7HE02	KJ20DRM11
XN 810 133	NiRAG8N	Power Ni	DCPR8E	YR6DES	XU22EPRU
XN 710 135	NiRAH7P	Power Ni	LZKAR7D9D	VR8SC+	XU20HR9
XN 510 203	NiRH5S-11	Power Ni	BPR5EY11	WR8DCX	W16EPRU11
XN 510 202	NiRM5S-11	Power Ni	BCPR5EY11	FR8DCX+	Q16RU11
XN 510 144	NiRH5N-11	Power Ni	BPR5ES11	WR8DCX+	W16EXRU11
XN 510 143	NiRH5N	Power Ni	BPR5ES	WR8DC+	W16EPRU
XN 510 159	NiRM5B-11	Power Ni	BKR5EKB11	FR8HDC+	K16TR11
XN 510 195	NiRX5N-13	Power Ni	BPR5EFS13	HR7DCX+	T16EPRU15
XN 610 210	NiRM6BP	Power Ni	BKR6EKUB	FGR7DQE+	K20TXR
XN 610 211	NiRA6P-10	Power Ni	LKR6D10E	YR8MEU	XUH20TT1
XN 510 165	NiRM5PU	Power U	ZFR5F	-	-
XN 610 149	NiRH6NU-11	Power U	BPR6ES11	WR7DCX+	W20EPRU11
XN 610 175	NiRM6NU-11	Power U	BCPR6ES11	FR7DCX	Q20PRU11
XN 610 178	NiRM6PV-9	Power V	ZFR6VG	QFR8LEU2	KJ20CRL11
XN 610 181	NiRM6V-11	Power V	BKR6E11	-	K20PRU11
XN 510 167	NiRM5V-11	Power V	BKR5EYA11	FR8KC	K16RU11
XN 510 185	NiRP5V-11	Power V	LFRC5A11	-	-
XN 610 209	NiRP6V	Power V	LFRC6B	FR8SC+	KH16TT
XN 510 184	NiRP5V	Power V	LFRC5B	FR8ME	K16HPRU11
XN 610 180	NiRM6V	Power V	BKR6EYA	FR7KC+	K20RU



PLATINUM

The design of ABSEL PLATINUM spark plugs with platinum electrodes ensures exceptional durability and corrosion resistance for high-performance engines.

SKU	Engineering №	Electrodes design	NGK	BOSCH	DENSO
XP 560 103	PPRM5N-11	Platinum Duo	PFR5G11	FR7KPP33U+	PK16PRL11
XP 650 106	PRM6D	Platinum Duo	BKR6EQUP	FGR7DQP+	-
XP 760 107	PPRM7N	Platinum Duo	PFR7S8EG	-	PK22PR8
XP 660 109	PPRX6N-13	Platinum Duo	TR6AP13	HR7KPP33+	ZT20EPR11
XP 660 110	PPRP6N-11	Platinum Duo	PLZFR6A11S	FR7NPP332	VKH20
XP 560 110	PPRZ5N-13	Platinum Duo	PTR5A13	HR7MPP302X	PT16VR13
XP 760 108	PPRM7C	Platinum Duo	PFR7WT	-	IK22
XP 560 101	PPRH5N-11	Platinum Duo	PGR5C11	WR8DPP30W	P16PR11



SKU	Engineering №	Electrodes design	NGK	BOSCH	DENSO
XI 630 112	IRM6N-11	Iridium	BCPR6EIX11	-	SK20RP11
XI 730 131	IRM7N-T	Iridium	BKR7EIX	FR7KPP33+	-
XI 630 119	IRP6-11	Iridium	LZFR6AP11GS	FR7SPP302U	-
XI 530 118	IRP5N-11	Iridium	LZFR5BI11	FR7SI30	-
XI 530 126	IRM5N	Iridium	FR5EI	FR8DPP30T	K16PSRB8
XI 630 120	IRP6N	Iridium	LZFR6AI	FR7SI332	IKH20
XI 730 130	IRA7U-11	Iridium U	SILZKR7B11	YR7SI33U	SXU22HCR11
XI 640 102	IIRAH6N-11	Iridium Duo	DF6H11B	VR7NII33X	SC16HR11
XI 640 110	IIRP6N-11	Iridium Duo	DILFR6D11	FR7NII35U	FK20HR11
XI 640 111	IIRAH6Q-11	Iridium Duo	DILZKAR6A11	VR7TII35U	FXE20HE11
XI 640 107	IIRM6N-11	Iridium Duo	DIFR6C11	FR7DPP30T	SK20R11
XI 740 112	IIRAH7S-11	Iridium Duo	DILKAR7B11	VR6NII35U	IXEH22TT
XI 640 109	IIRP6C-11	Iridium Duo	DFH6B11A	FR7NII352U	FK20HBR11
XI 540 101	IIRP5N-11	Iridium Duo	DILFR5A11	-	IKH16TT
XI 740 113	IIRAU7	Iridium Duo	DILKAR7C9H	-	IXEH20ETT
XI 640 112	IIRAH6-8	Iridium Duo	DILKAR6T8	-	FC16HRQ8
XP 770 112	IPRAH7	Iridium+Platinum	SILZKAR7E8S	VAR6SIP	-
XP 670 151	IPRZ6N	Iridium+Platinum	ILTR6G8G	HR7NII332S	ITV22
XP 870 140	IPRC8N	Iridium+Platinum	ILZKBR8D7G	-	-
XP 870 138	IPRAH8Q-7	Iridium+Platinum	ILKFR8B-G	-	-
XP 870 116	IPRAH8	Iridium+Platinum	ILZKAR8J8SY	VAR6NIP	ZXE24HLR7
XP 770 103	IPRA7N	Iridium+Platinum	PLKR7A	YR7MPP33	SXU22HDR8
XP 670 129	IPRM6N	Iridium+Platinum	FR6EI	-	SK20PRA8
XP 670 130	IPRM6N-11	Iridium+Platinum	IFR6T11	FR6KPP33X+	-
XP 770 134	IPRM7N	Iridium+Platinum	IFR7X7G	FR6KII332S	VK22
XP 570 139	IPRP5N-11	Iridium+Platinum	ILFR5T11	FR8MII33X	SK16HR11
XP 570 127	IPRM5N-11	Iridium+Platinum	IFR5G11	FR8KII33X	SK16PLR11
XP 770 113	IPRAH7N-11	Iridium+Platinum	ILKAR7F7G	VR7SI332S	EC22HPRD7
XP 670 140	IPRP6N	Iridium+Platinum	ILFR6B	FR7NI33	VKH20Y
XP 770 120	IPRB7N	Iridium+Platinum	PLZKBR7B8G	ZQR8SI302	VXUH22I
XP 670 111	IPRAH6N-11	Iridium+Platinum	PLZKAR6A11	VR7SPP33	FXE20HR11
XP 870 137	IPRM8N	Iridium+Platinum	PFR8S8EG	FR5KPP332S	IK24
XP 770 109	IPRAG7Q	Iridium+Platinum	PKER7A8EGS	Y5KPP332	-
XP 770 145	IPRP7P	Iridium+Platinum	PLFER7A8EG	FQ5NPP332S	-
XP 770 146	IPRAG7	Iridium+Platinum	PZKER7B8EGS	Y5KPP332S	-
XP 670 132	IPRM6Q-11	Iridium+Platinum	IZFR6K11S	FR6LI330X	SKJ20DRM11
XP 670 133	IPRM6Y	Iridium+Platinum	PZFR6R	FR6HI332	PKJ20CR8
XP 670 156	IPRM6N-7	Iridium+Platinum	IZFR6P7	-	-
XP 670 141	IPRP6N-11	Iridium+Platinum	ILFR6T11	FR7NII33X	SK20HR11
XP 670 148	IPRX6N-13	Iridium+Platinum	ITR6F13	HR7DII33V	VT20
XP 770 147	IPRAG7N	Iridium+Platinum	IZKR7B	YR7LPP332W	-
XP 570 150	IPRZ5N-13	Iridium+Platinum	ILTR5A13G	HR8NII332X	-
XP 770 150	IPRA7	Iridium+Platinum	ILZKR7A	YR6TI330T	-
XP 670 131	IPRM6P-11	Iridium+Platinum	IZFR6H11	FR7KPP332	VK20
XP 670 157	IPRA6N-10	Iridium+Platinum	SILZKR6B10E	YR8SI33U	IXUH22I
XP 770 148	IPRAH7-11	Iridium+Platinum	DF7H11B	VR6NII352U	FXE22HR11
XP 770 114	IPRAH7P-10	Iridium+Platinum	ILZKAR7A10	VR7SI33U	VFXEH22
XP 570 149	IPRZ5N-11	Iridium+Platinum	ILTR5E11	HR8MII33X	ITL16
XP 570 151	IPRM5S-11	Iridium+Platinum	DIFR5C11	FR7DII35X	IK16TT
XP 770 149	IPRAH7N-10	Iridium+Platinum	ILKAR7C10	VR7MII33U	VFXEH20



DECODING OF THE ENGINEERING NUMBER

ABSEL



1 Electrodes material and design

Symbol	Description
P	Platinum central electrode with a diameter of 0.8-1.2 mm
PP	Platinum central electrode with a diameter of 0.8-1.2 mm and a platinum pad on the side electrode
IP	Ultra-thin iridium central electrode with a diameter of 0.5 mm and a platinum pad on the side electrode
I	Ultra-thin iridium central electrode with a diameter of 0.5 mm
II	Ultra-thin iridium central electrode with a diameter of 0.5 mm and an iridium needle on the side electrode
Ag	Silver central electrode
Ni	Central electrode made of nickel alloy (1454°C) with a copper core
G	Spark plug for gas engines

2 Resistor

Symbol	Description
R	with resistor
-	no resistor

3 Dimensions

Symbol	Thread size	Reach	Hexagon size	Seal
AA	M8x1,0	19	16	Flat
AB	M10x1,0	12,7	16	Flat
AC	M10x1,0	19	16	Flat
AD	M12x1,25	12,7	18	Flat
AE	M12x1,25	19	18	Flat
AF	M12x1,25	26,5	18	Flat
AG	M12x1,25	19	16	Flat
AH	M12x1,25	26,5	14	Flat
A	M12x1,25	26,5	16	Flat
B	M12x1,25	26,5	14	Flat
C	M12x1,25	28	14	Flat
D	M12x1,25	25	14	Tapered
E	M12x1,25	26,5	14	Tapered
F	M14x1,25	12,7	21	Flat
H	M14x1,25	19	21	Flat
I	M14x1,25	26,5	21	Flat
J	M14x1,25	9,5	21	Flat
K	M14x1,25	9,5	21	Flat
L	M14x1,25	11	21	Flat
M	M14x1,25	19	16	Flat
N	M14x1,25	12,7	16	Flat
P	M14x1,25	26,5	16	Flat
Q	M14x1,25	28	16	Flat
R	M14x1,25	20,5	16	Flat
S	M14x1,25	9,5	19	Flat
T	M14x1,25	11	19	Flat
U	M14x1,25	7,8	19	Flat
V	M14x1,25	11,2	16	Tapered
W	M14x1,25	12,3	16	Tapered
X	M14x1,25	17,5	16	Tapered
Z	M14x1,25	25	16	Tapered
AI	M14x1,25	20,5	16	Tapered
AJ	M14x1,25	11	19	Flat
AK	M18x1,5	12	26	Flat
AL	M18x1,5	19	26	Flat
AM	M18x1,5	26,5	26	Flat
AN	M18x1,5	19	21	Flat
AP	M18x1,5	12,7	21	Flat
AQ	M18x1,5	26,5	21	Flat
AR	M18x1,5	10,9	21	Tapered
AT	M18x1,5	17,5	21	Tapered
AS	M18x1,5	25	21	Tapered
AU	M12x1,25	28,5	14	Flat

4 Heat range

Symbol	Description
4	-
5	-
6	-
7	-
8	-
9	-

5 Design features

Symbol	Description
U	Side electrode with a U-shaped groove
V	Central electrode with a V-shaped notch
B	Two side electrodes
C	Three side electrodes
D	Four side electrodes
Y	Yttrium alloy in the central and side electrodes
N	Insulator projection < 3 mm
P	Increased insulator projection ≤ 3.5 mm
Q	Thread length 20.5 mm, insulator projection ≤ 2 mm
S	Central electrode protrusion 4 mm
T	Central electrode protrusion 7 mm

6 Gap

Symbol	Description
-	The presence of the symbol indicates a non-standard gap.
	The absence of the symbol indicates a standard gap of 0.8-0.9 mm.

7 Gap sizes

Symbol	Description
7	0,7 mm
8	0,8 mm
9	0,9 mm
10	1,0 mm
11	1,1 mm
13	1,3 mm
15	1,5 mm

Torque

Thread size	Seal	Min Torque, Nm	Max Torque, Nm
M10	Flat	10	15
M12	Flat	20	25
M12	Tapered	10	15
M14	Flat	25	30
M14	Tapered	10	15
M18	Flat	35	40
M18	Tapered	20	25

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