

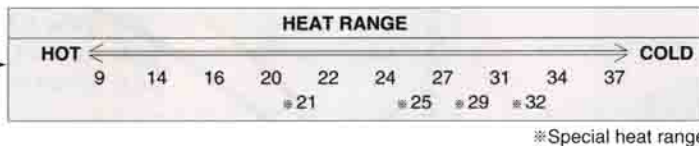
# IDENTIFYING DENSO SPARK PLUGS

The sales symbol is composed of a "Heat Range" number, together with prefix and suffix letters, to indicate major features of the plug design. Each letter has a definite meaning..

THREAD SIZE AND HEX. SIZE			
Letter	Thread Size	Hex. Size	Description
L	18mm	22.0mm	Taper seat
M	18mm	25.4mm	
MA	18mm	20.8mm	
*J	14mm	20.8mm	Extended electrodes
*P	14mm	20.8mm	Platinum tipped electrodes
*PQ	14mm	16.0mm	Platinum tipped electrodes
*Q	14mm	16.0mm	Extended electrode
*QJ	14mm	16.0mm	
*K	14mm	16.0mm	ISO
*KJ	14mm	16.0mm	ISO
*PK	14mm	16.0mm	Platinum tipped electrodes

THREAD SIZE AND HEX. SIZE			
Letter	Thread Size	Hex. Size	Description
*SK	14mm	16.0mm	Iridium tipped electrode
S	14mm	20.8mm	Special surface gap for Mazda R.E./ thread reach 21.5mm
SF	14mm	20.8mm	Surface gap
T	14mm	20.8mm	Taper seat
W	14mm	20.8mm	
X	12mm	18.0mm	
XU	12mm	16.0mm	
U	10mm	16.0mm	
Y	8mm	13.0mm	

\*These letters indicate including thread reach 19.0mm.



GAP	
Letter	Gap
9	0.9mm (.035")
10	1.0mm (.040")
11	1.1mm (.044")
13	1.3mm (.050")
14	1.4mm (.055")
15	1.5mm (.060")
20	2.0mm (.080")

THREAD REACH		
Letter	Reach	Description
E (Flat seat)	19.0 (3/4") or 20.0mm	W16EXR-U W25EBR
E (Taper seat)	.708"	T16EPR-U
F	12.7mm (1/2")	W20FP-U
FE	19.0mm (3/4") Half thread type	U24FER-9
G	21.8mm	X27GPR-U
L	11.2mm (7/16")	W14L
None		
18mm Thread (Flat seat)	12.0mm	M24S, L14-U
14mm Thread (Flat seat)	9.5mm (3/8")	W20S-U, W9PR-U
18mm Thread (Taper seat)	.480"	MA16PR-U
14mm Thread (Taper seat)	.460" or .325"	T16PR-U T20M-U

INTERNAL CONSTRUCTION	
Letter	Description
None	Non resistor
R	Resistor



SPECIAL DESIGN		
Letter	Description	Example
A	Dual ground electrodes for Mazda R.E.	W22EA
*A	Electrode projection (7.0mm)	QJ16AR-U
B	Triple ground electrodes	W20EPB
*B	Electrode projection (9.5mm)	J16BR-U
*C	Electrode projection (5.0mm)	QJ20CR11
D	4-ground electrodes for Mazda R.E.	W27EDR14
*H	Electrode projection (8.5mm)	QJ16HR-U
K	Special type for Honda CVCC	W16EKR-S11
LM	Special type for Lawnmowers	W14LM-U
M	Compact type	W20M-U
N	Racing type (nickel ground electrode)	W27EN
Pt	Racing type (platinum ground electrode)	W27Ept
P	Projected insulator nose	W16EP-U
S	Regular type	W24ES-U
T	Dual ground electrodes for Toyota T.G.P.	W20ET-S
X	Extra projected insulator nose	W16EX-U

SPECIAL GAP CONFIGURATION		
Letter	Description	Example
GL	Platinum center electrode	X22EPR-GL
L	Special type for Honda CVCC and extra project type for moped	W20ESR-L11 W14FP-UL
S	Semi-surface gap	W20EPR-S11
U	U-grooved ground electrode	W16EX-U
US	Star center electrode with U-groove	W14-US
V	Thin center electrode	W24ES-V
Z	Thin platinum center electrode with tapered ground electrode	W24ES-Z
C	Cut-back ground electrode	W27EMR-C
P	Platinum tipped plug for DIS	PQ20R-P8

\*When the first suffix is J or QJ/KJ.

SPARK GAP	inch	.020	.024	.028	.032	.035	.040	.044	.048	.060	.080
	mm	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.5	2.0