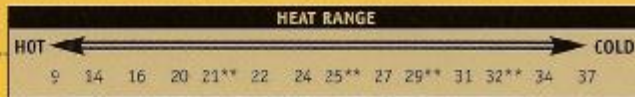


CODIFICACION DENSO

IDENTIFYING *DENSO* SPARK PLUGS

| THREAD SIZE AND HEX. SIZE | | | | | | | |
|---------------------------|-------------|-----------|----------------------------|--------|-------------|-----------|--|
| Letter | Thread Size | Hex. Size | Description | Letter | Thread Size | Hex. Size | Description |
| L | 18mm | 23.0mm | | SK* | 14mm | 16.0mm | Iridium tipped electrode |
| M | 18mm | 23.4mm | | S | 14mm | 20.0mm | Special surface gap for Mazda R.E./Thread reach 21.5mm |
| MA | 18mm | 20.6mm | Taper seat | SF | 14mm | 20.6mm | Surface gap |
| J* | 14mm | 20.6mm | Extended electrodes | T | 14mm | 20.6mm | Taper seat |
| P* | 14mm | 20.6mm | Platinum tipped electrodes | W | 14mm | 20.6mm | |
| PQ* | 14mm | 16.0mm | Platinum tipped electrodes | X | 12mm | 18.0mm | |
| Q* | 14mm | 16.0mm | | XU | 12mm | 16.0mm | |
| QJ* | 14mm | 16.0mm | Extended electrode | U | 10mm | 16.0mm | |
| K* | 14mm | 16.0mm | ISO | Y | 8mm | 13.0mm | |
| KJ* | 14mm | 16.0mm | ISO | | | | |
| PK* | 14mm | 16.0mm | Platinum tipped electrodes | | | | |



W

16

E

X

R

-U

11

| THREAD REACH | | |
|--------------------------|---------------------------|-------------------|
| Letter | Reach | Description |
| E (Flat seat) | 19.0 (3/4") or 20.0mm | W16XR-U W25EBR |
| E (Taper seat) | .708" | T16PR-U |
| F | 12.7mm (1/2") | W20FP-U |
| FE | 19.0mm (3/4") Half thread | 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") | W29S-U, W9PR-U |
| 18mm Thread (Taper seat) | .480" | MA16PR-U |
| 14mm Thread (Taper seat) | .460" or .325" | T16PR-U T20M-U |

| SPECIAL DESIGN | | |
|----------------|--|------------|
| Letter | Description | Example |
| A | Dual ground electrodes for Mazda R.E. | W22EA |
| A*** | Electrode projection (7.0mm) | QJ15AR-U |
| B | Triple ground electrodes | W2CEPB |
| 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) | QJ15HR-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 |
| I | Dual ground electrodes for Toyota T.G.P. | W20ET-S |
| X | Extra projected insulator nose | W16EX-U |

| INTERNAL CONSTRUCTION | |
|-----------------------|--------------|
| Letter | Description |
| None | Non-resistor |
| R | Resistor |

| 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-ZU |
| C | Cut-back ground electrode | W27EMR-C |
| P | Platinum tipped plug for DIS | PQ20R-PB |

*The thread reach for these letters are 19.0mm. **Special heat range. ***When the first suffix is J or QJ.

IDENTIFYING SPARK PLUGS

| Letter | Description | Example |
|--------|---|---------------|
| I | Other Applications (e.g. 1600 cc 1600 cc 1600 cc) | 1600 CC1600 U |

| THREAD SIZE AND HEX. SIZE | | | | | | | |
|---------------------------|-------------|-----------|-------------------|--------|-------------|-----------|----------------------------|
| Letter | Thread Size | Hex. Size | Description | Letter | Thread Size | Hex. Size | Description |
| I | 18mm | 17.8 | Top seat | E | 14mm | 13.5 | Full type threads |
| V | 18mm | 17.8 | Full type threads | S | 14mm | 13.5 | Double flange type threads |
| VA | 18mm | 18.0 | Top seat | FF | 14mm | 13.5 | Subhead reach 11mm |
| 7 | 14mm | 13.5 | Full type threads | T | 14mm | 13.5 | Sub flange gap |
| 7C | 14mm | 13.5 | Full type threads | Y | 14mm | 13.5 | Top seat |
| 21 | 14mm | 13.5 | Full type threads | X | 16mm | 15.0 | |
| 21C | 14mm | 13.5 | Full type threads | 21 | 16mm | 15.0 | |
| 21E | 14mm | 13.5 | Full type threads | U | 16mm | 15.0 | |
| 21F | 14mm | 13.5 | Full type threads | Y | 16mm | 15.0 | |
| 21G | 14mm | 13.5 | Full type threads | | | | |
| 21H | 14mm | 13.5 | Full type threads | | | | |
| 21I | 14mm | 13.5 | Full type threads | | | | |
| 21J | 14mm | 13.5 | Full type threads | | | | |
| 21K | 14mm | 13.5 | Full type threads | | | | |
| 21L | 14mm | 13.5 | Full type threads | | | | |

W



16

| LETTER | THREAD REACH (mm) | DESCRIPTION |
|--------------|-------------------|-------------|
| 1 (Standard) | 22.0mm | W22ER-U |
| 2 (Double) | 24.0mm | W24ER-U |
| 3 | 26.0mm | W26ER-U |
| 4 | 28.0mm | W28ER-U |
| 5 | 30.0mm | W30ER-U |
| 6 | 32.0mm | W32ER-U |
| 7 | 34.0mm | W34ER-U |
| 8 | 36.0mm | W36ER-U |
| 9 | 38.0mm | W38ER-U |
| 10 | 40.0mm | W40ER-U |
| 11 | 42.0mm | W42ER-U |
| 12 | 44.0mm | W44ER-U |
| 13 | 46.0mm | W46ER-U |
| 14 | 48.0mm | W48ER-U |
| 15 | 50.0mm | W50ER-U |
| 16 | 52.0mm | W52ER-U |
| 17 | 54.0mm | W54ER-U |
| 18 | 56.0mm | W56ER-U |
| 19 | 58.0mm | W58ER-U |
| 20 | 60.0mm | W60ER-U |

E

X

| SPECIAL DESIGN | | |
|----------------|-----------------------------------|---------|
| Letter | Description | Example |
| A | Anti-ground electrode (AG) design | W22EA-U |
| AT | Anti-erosion (AE) design | W22AT-U |
| I | Insulator (I) design | W22IE-U |
| J | Jet (J) design | W22JU-U |
| Q | Quartz (Q) design | W22QU-U |
| R | Radiation (R) design | W22RU-U |
| S | Self-cleaning (S) design | W22SU-U |
| T | Thermal (T) design | W22TU-U |
| V | Variable (V) design | W22VU-U |
| W | Water (W) design | W22WU-U |
| X | Extra (X) design | W22XU-U |
| Y | Yield (Y) design | W22YU-U |
| Z | Zinc (Z) design | W22ZU-U |
| AA | Anti-erosion (AE) design | W22AA-U |
| AB | Anti-erosion (AE) design | W22AB-U |
| AC | Anti-erosion (AE) design | W22AC-U |
| AD | Anti-erosion (AE) design | W22AD-U |
| AE | Anti-erosion (AE) design | W22AE-U |
| AF | Anti-erosion (AE) design | W22AF-U |
| AG | Anti-erosion (AE) design | W22AG-U |
| AH | Anti-erosion (AE) design | W22AH-U |
| AI | Anti-erosion (AE) design | W22AI-U |
| AJ | Anti-erosion (AE) design | W22AJ-U |
| AK | Anti-erosion (AE) design | W22AK-U |
| AL | Anti-erosion (AE) design | W22AL-U |

R

| INTERNAL CONSTRUCTION | |
|-----------------------|---------------|
| Letter | Description |
| 1 | 100% resistor |
| 2 | Resistor |

-U

| SPECIAL GAP CONFIGURATION | | |
|---------------------------|--------------|----------|
| Letter | Description | Example |
| 01 | Standard gap | W22ER-01 |
| 1 | Wide gap | W22ER-01 |
| 2 | Wide gap | W22ER-02 |
| 3 | Wide gap | W22ER-03 |
| 4 | Wide gap | W22ER-04 |
| 5 | Wide gap | W22ER-05 |
| 6 | Wide gap | W22ER-06 |
| 7 | Wide gap | W22ER-07 |
| 8 | Wide gap | W22ER-08 |
| 9 | Wide gap | W22ER-09 |
| 10 | Wide gap | W22ER-10 |
| 11 | Wide gap | W22ER-11 |
| 12 | Wide gap | W22ER-12 |
| 13 | Wide gap | W22ER-13 |
| 14 | Wide gap | W22ER-14 |
| 15 | Wide gap | W22ER-15 |
| 16 | Wide gap | W22ER-16 |
| 17 | Wide gap | W22ER-17 |
| 18 | Wide gap | W22ER-18 |
| 19 | Wide gap | W22ER-19 |
| 20 | Wide gap | W22ER-20 |

11

22

* For details, see www.denso.com or consult your distributor.