

IRIDIUM RACING® Specifications

MOTOR SPORTS
DENSO
IRIDIUM POWER

CHINA

INDONESIA

KOREA

MALAYSIA

PHILIPPINES

SAUDIARABIA

SINGAPORE

TAIWAN

THAILAND

JAPAN

EUROPE & USA

MOTOR CYCLE

SMALL ENGINE

CROSS REFERENCE

PART NUMBER

| TYPE | SPEC | DIA. (mm) | REACH (mm) | HEX (mm) | GAP (mm) | PROJECTION (mm) | SPARK POSITION (mm) | SPARK ELECTRODE HEIGHT (mm) | TERMINAL SHAPE | RESISTOR Ω | No. | IRIDIUM RACING ONE PC BOX | |
|----------|--------------------------|--------------|---------------|-------------|-------------|--------------------|------------------------|--------------------------------|----------------|------------|-----|---------------------------|-------------|
| | | | | | | | | | | | | BARCODE | DENSO P/N |
| IK01-24 | ISO (SLANT ELEC.) | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R01 | 0 42511 05701 2 | 267700-1310 |
| IK01-27 | ISO (SLANT ELEC.) | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R02 | 0 42511 05702 9 | 267700-1320 |
| IK01-31 | ISO (SLANT ELEC.) | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R03 | 0 42511 05703 6 | 267700-1330 |
| IK01-34 | ISO (SLANT ELEC.) | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R42 | 0 42511 05742 5 | 267700-1340 |
| IK02-24 | ISO (STRAIGHT ELEC.) | 14 | 19 | 16 | 0.7 | -2.3 | -0.8 | 0.7 | S | 5 | R04 | 0 42511 05704 3 | 267700-1360 |
| IK02-27 | ISO (STRAIGHT ELEC.) | 14 | 19 | 16 | 0.7 | -2.3 | -0.8 | 0.7 | S | 5 | R05 | 0 42511 05705 0 | 267700-1370 |
| IK02-31 | ISO (STRAIGHT ELEC.) | 14 | 19 | 16 | 0.7 | -2.3 | -0.8 | 0.7 | S | 5 | R06 | 0 42511 05706 7 | 267700-1380 |
| IKH01-24 | LONG REACH | 14 | 26.5 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R49 | 0 42511 05749 4 | 267700-4450 |
| IKH01-27 | LONG REACH | 14 | 26.5 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R50 | 0 42511 05750 0 | 267700-4460 |
| IKH01-31 | LONG REACH | 14 | 26.5 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R51 | 0 42511 05751 7 | 267700-4470 |
| IQ01-24 | SLANT ELEC. | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R07 | 0 42511 05707 4 | 267700-1410 |
| IQ01-27 | SLANT ELEC. | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R08 | 0 42511 05708 1 | 267700-1420 |
| IQ01-31 | SLANT ELEC. | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R09 | 0 42511 05709 8 | 267700-1430 |
| IQ01-34 | SLANT ELEC. | 14 | 19 | 16 | 0.7 | -1.0 | 0.5 | 2.0 | S | 5 | R43 | 0 42511 05743 2 | 267700-1440 |
| IQ02-24 | STRAIGHT ELEC. | 14 | 19 | 16 | 0.7 | -2.3 | -0.8 | 0.7 | S | 5 | R10 | 0 42511 05710 4 | 267700-1460 |
| IQ02-27 | STRAIGHT ELEC. | 14 | 19 | 16 | 0.7 | -2.3 | -0.8 | 0.7 | S | 5 | R11 | 0 42511 05711 1 | 267700-1470 |
| IQ02-31 | STRAIGHT ELEC. | 14 | 19 | 16 | 0.7 | -2.3 | -0.8 | 0.7 | S | 5 | R12 | 0 42511 05712 8 | 267700-1480 |
| IW01-24 | W-E | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | RC | 5 | R13 | 0 42511 05713 5 | 267700-1110 |
| IW01-27 | W-E | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | RC | 5 | R14 | 0 42511 05714 2 | 267700-1120 |
| IW01-29 | W-E | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | RC | 5 | R15 | 0 42511 05715 9 | 267700-1130 |
| IW01-31 | W-E | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | RC | 5 | R16 | 0 42511 05716 6 | 267700-1140 |
| IW01-32 | W-E | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | RC | 5 | R17 | 0 42511 05717 3 | 267700-1150 |
| IW01-34 | W-E | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | RC | 5 | R18 | 0 42511 05718 0 | 267700-1160 |
| IW06-27 | W-E NON RESISTOR | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 0 | R44 | 0 42511 05744 9 | 067600-1810 |
| IW06-31 | W-E NON RESISTOR | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 0 | R45 | 0 42511 05745 6 | 067600-1820 |
| IW06-34 | W-E NON RESISTOR | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 0 | R46 | 0 42511 05746 3 | 067600-1830 |
| IRE01-27 | ROTARY ENGINE | 14 | 21.5 | 20.6 | 0.7 | -2.2 | -0.7 | 0.8 | RC | 5 | R19 | 0 42511 05719 7 | 267700-1520 |
| IRE01-31 | ROTARY ENGINE | 14 | 21.5 | 20.6 | 0.7 | -2.2 | -0.7 | 0.8 | RC | 5 | R20 | 0 42511 05720 3 | 267700-1530 |
| IRE01-32 | ROTARY ENGINE | 14 | 21.5 | 20.6 | 0.7 | -2.2 | -0.7 | 0.8 | RC | 5 | R21 | 0 42511 05721 0 | 267700-1540 |
| IRE01-34 | ROTARY ENGINE | 14 | 21.5 | 20.6 | 0.7 | -2.2 | -0.7 | 0.8 | RC | 5 | R22 | 0 42511 05722 7 | 267700-1550 |
| IRE01-35 | ROTARY ENGINE | 14 | 21.5 | 20.6 | 0.7 | -2.2 | -0.7 | 0.8 | RC | 5 | R41 | 0 42511 05741 8 | 267700-1560 |
| IRL01-27 | ROTARY RX8 (LEADING) | 14 | 21 | 20.6 | 1.1 | -2.5 | -0.5 | 1.6 | S | 5 | R54 | 0 42511 05754 8 | 267700-4820 |
| IRL01-31 | ROTARY RX8 (LEADING) | 14 | 21 | 20.6 | 1.1 | -2.5 | -0.5 | 1.6 | S | 5 | R55 | 0 42511 05755 5 | 267700-4830 |
| IRT01-31 | ROTARY RX8 (TRAILING) | 14 | 19 | 20.6 | 1.1 | -2.5 | -0.5 | 1.6 | S | 5 | R52 | 0 42511 05752 4 | 267700-4840 |
| IRT01-34 | ROTARY RX8 (TRAILING) | 14 | 19 | 20.6 | 1.1 | -2.5 | -0.5 | 1.6 | S | 5 | R53 | 0 42511 05753 1 | 267700-4850 |
| IA01-31 | WITH DETONATION COUNTER | 14 | 22 | 16 | 0.6 | -1.0 | 0.5 | 1.9 | S | 5 | R23 | 0 42511 05723 4 | 267700-1260 |
| IA01-32 | WITH DETONATION COUNTER | 14 | 22 | 16 | 0.6 | -1.0 | 0.5 | 1.9 | S | 5 | R24 | 0 42511 05724 1 | 267700-1270 |
| IA01-34 | WITH DETONATION COUNTER | 14 | 22 | 16 | 0.6 | -1.0 | 0.5 | 1.9 | S | 5 | R25 | 0 42511 05725 8 | 267700-1280 |
| IAE01-32 | W/OUT DETONATION COUNTER | 14 | 19 | 16 | 0.6 | -1.3 | 0.5 | 2.1 | S | 5 | R47 | 0 42511 05747 0 | 267700-2940 |
| IAE01-34 | W/OUT DETONATION COUNTER | 14 | 19 | 16 | 0.6 | -1.3 | 0.5 | 2.1 | S | 5 | R48 | 0 42511 05748 7 | 267700-2950 |
| IWM01-29 | W-EM | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 5 | R26 | 0 42511 05726 5 | 267700-1210 |
| IWM01-31 | W-EM | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 5 | R27 | 0 42511 05727 2 | 267700-1220 |
| IWM01-32 | W-EM | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 5 | R28 | 0 42511 05728 9 | 267700-1230 |
| IWM01-34 | W-EM | 14 | 19 | 20.6 | 0.6 | -1.5 | 0.0 | 1.6 | S | 5 | R29 | 0 42511 05729 6 | 267700-1240 |
| IXU01-24 | XU-E | 12 | 19 | 16 | 0.6 | -1.5 | 0.0 | 1.4 | R | 5 | R30 | 0 42511 05730 2 | 267700-1060 |
| IXU01-27 | XU-E | 12 | 19 | 16 | 0.6 | -1.5 | 0.0 | 1.4 | R | 5 | R31 | 0 42511 05731 9 | 267700-1070 |
| IXU01-31 | XU-E | 12 | 19 | 16 | 0.6 | -1.5 | 0.0 | 1.4 | R | 5 | R32 | 0 42511 05732 6 | 267700-1080 |
| IXU01-34 | XU-E | 12 | 19 | 16 | 0.6 | -1.5 | 0.0 | 1.4 | R | 5 | R33 | 0 42511 05733 3 | 267700-1090 |
| IU01-24 | U-E | 10 | 19 | 16 | 0.6 | -1.8 | -0.3 | 1.2 | R | 5 | R34 | 0 42511 05734 0 | 267700-1010 |
| IU01-27 | U-E | 10 | 19 | 16 | 0.6 | -1.8 | -0.3 | 1.2 | R | 5 | R35 | 0 42511 05735 7 | 267700-1020 |
| IU01-31 | U-E | 10 | 19 | 16 | 0.6 | -1.8 | -0.3 | 1.2 | R | 5 | R36 | 0 42511 05736 4 | 267700-1030 |
| IU01-34 | U-E | 10 | 19 | 16 | 0.6 | -1.8 | -0.3 | 1.2 | R | 5 | R37 | 0 42511 05737 1 | 267700-1040 |
| *RU01-27 | U-E (SURFACE) | 10 | 19 | 16 | 1.1 | -0.2 | 0.0 | 0.0 | R | 5 | R38 | 0 42511 05738 8 | 267700-1570 |
| *RU01-31 | U-E (SURFACE) | 10 | 19 | 16 | 1.1 | -0.2 | 0.0 | 0.0 | R | 5 | R39 | 0 42511 05739 5 | 267700-1580 |
| *RU01-34 | U-E (SURFACE) | 10 | 19 | 16 | 1.1 | -0.2 | 0.0 | 0.0 | R | 5 | R40 | 0 42511 05740 1 | 267700-1590 |

* These plugs do not have iridium electrodes.
 Spark gap exampleFor a 1.1 mm gap, set from 1.0 to 1.1 mm.
 Insulator projectionLength 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 heightLength from edge of side housing to top of ground electrode. The plus (+) direction is the distance from the edge to the piston head.
 Terminal shapesS: solid terminal, R: removable, RC: crimped nut, T: threaded