

| Thread Diameter | |
|-----------------|-------|
| A: | 18 mm |
| B: | 14 mm |
| C: | 10 mm |
| D: | 12 mm |
| J: | 12 mm |

| Thread Reach | |
|-------------------|---|
| E: | 19 mm (3/4") |
| EF: | Tapered Seat 17.5 mm (.708" Reach) |
| FS: | Tapered Seat 10.9 mm (.460") |
| H: | 12.7 mm (1/2") |
| EH: | Partial thread 19 mm (3/4" Total Reach) 12.7 mm (1/2" Total Thread) |
| L: | 11.2 mm (7/16") |
| S: | 9.5 mm (3/8") Reach |
| Z: | 21 mm |
| NO SYMBOL: | |
| | 18mmø = 12 mm Reach |
| | 14mmø = 9.5 mm (3/8") Reach |

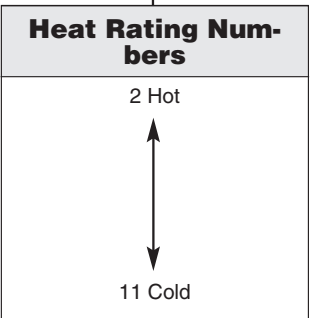
| Firing End Construction | |
|-------------------------|--|
| A: | Special Design |
| B: | Special Design |
| C: | Low Angle Ground Electrode |
| CM: | Compact type, low angle ground electrode |
| E: | V-Grooved center electrode (14mm only) 1.5mm Insulator |
| ES: | Standard 3/4" Thread Reach (2.5mm) center electrode |
| F: | Tapered Seat |
| G: | Fine wire nickel alloy center electrode |
| G-G: | Copper core ground electrode |
| GP: | Platinum Firewire (6mm) |
| GV: | Gold-palladium center electrode Special Construction of V-Type. Racing use |
| IX: | High Performance Iridium |
| K: | 2-Ground electrodes |
| L: | Half heat range, (See spec. chart) |
| LM: | Compact type for Lawn Mower |
| M: | 2-Ground electrodes For Mazda Rotary Eng. |
| N: | Special Side electrode |
| P: | Premium Platinum |
| Q: | 4-Ground electrode |
| R: | Special Ground electrode |
| S: | Standard 2.5mmø center electrode |
| T: | 3-Ground electrode |
| U: | Semi-surface discharge |
| V: | Fine wire gold palladium center electrode |
| VX: | High performance platinum |
| W: | Tungsten electrode |
| X: | Booster gap |
| Y: | V-Grooved center electrode (14mm only) 2.5mm Insulator |
| Z: | Thick 2.9mmø center electrode |

| Construction (ONE OR MORE LETTERS MAY BE COMBINED) | |
|---|--|
| C: | Hex Size 5/8" |
| K: | Hex Size 5/8" Projected Tip (ISO) |
| M: | Compact Type |
| P: | Projected Insulator Type |
| R: | Resistor Type |
| U: | Surface or Semi-Surface Discharge Type |
| Z: | Inductive Resistor |



| - WIDE GAP - | |
|--------------|---------------|
| 8 | 0.8mm (.032") |
| 9 | 0.9mm (.036") |
| 10 | 1.0mm (.040") |
| 11 | 1.1mm (.044") |
| 13 | 1.3mm (.052") |
| 14 | 1.4mm (.055") |
| 15 | 1.5mm (.060") |
| 20 | 2.0mm (.080") |

| Plug Type | |
|-----------|---------------------|
| I: | Iridium Platinum |
| L: | Thread Reach 26.5mm |
| P: | Premium Platinum |
| Z: | Extended Gap |



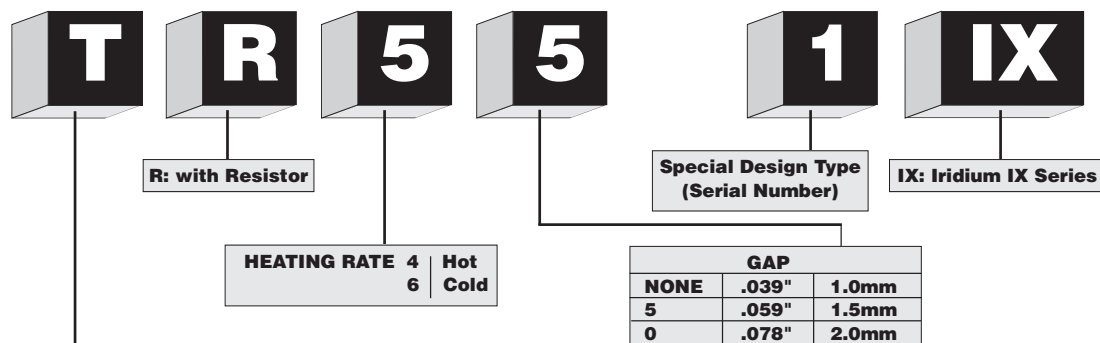
| Firing End Construction | |
|-------------------------|----------------|
| A, B, C... | Special Design |



| Metal Shell Size | |
|------------------|---|
| F: | ø 14, 19mm (3/4") Reach, 16mm (5/8") Hex. |
| G: | ø 14, 19mm (3/4") Reach, 20.6mm (13/16") Hex. |
| J: | ø 12, 19mm (3/4") Reach, 19mm Hex. |
| M: | ø 10, 19mm (3/4") Reach, 16mm (5/8") Hex. |
| T: | Tapered Seat ø 14, 17.5mm Reach, 16mm (5/8") Hex. |
| PTR5A-13: | ø 14, 25mm Reach, 16mm (5/8") Hex. |

| Construction | |
|--------------|----------|
| R: | Resistor |

DESIGN SYMBOLS: SPARK PLUGS



| Letter | Thread Diameter | Reach | Insulator Type | Seat Type |
|--------|-----------------|-------------|----------------|-------------|
| F | 14 mm Hex. 5/8" | 3/4" (19mm) | Projected | Gasket Seat |
| F-1 | 14 mm Hex. 5/8" | 22mm | Projected | Gasket Seat |
| G | 14 mm | 3/4" (19mm) | Projected | Gasket Seat |
| T | 14 mm Hex. 5/8" | .708" | Projected | Taper Seat |
| T-1 | 14 mm Hex. 5/8" | .807" | Projected | Taper Seat |
| U | 14 mm | .460" | Projected | Taper Seat |
| W | 18 mm | .460" | Projected | Taper Seat |
| X | 14 mm | 3/8" | Projected | Gasket Seat |
| Y | 14 mm | .460" | Non-Projected | Taper Seat |

| HEAT RATING |
|-------------|
| Hot = 4 |
| Cold = 7 |

| SPARK PLUG GAP |
|---------------------|
| None = .031 (0.8mm) |
| -11 = .043 (1.1mm) |

| Prefix | Hex | Thread Diameter | Insulator Type | Plug Type | Reach | Suffix Type | Seat Type |
|---------------------|------------|-----------------|----------------|--------------|-------|-------------|--------------|
| BCPR | 5/8" | 14mm | Projected | Resistor | 3/4" | E,EY,EYA | Gasket Seat |
| BKR | 5/8" (ISO) | 14mm | Non-Projected | Resistor | 3/4" | E,EY,EYA | Gasket Seat |
| BR | 5/8" | 14mm | Non-Projected | Resistor | 3/4" | EF | Tapered Seat |
| BR | 13/16" | 14mm | Non-Projected | Resistor | 3/4" | EYA | Gasket Seat |
| BPM (Compact Type) | 3/4" | 14mm | Projected | Non-Resistor | 3/8" | Y | Gasket Seat |
| BP | 13/16" | 14mm | Projected | Non-Resistor | 3/4" | EY | Gasket Seat |
| BPR | 13/16" | 14mm | Projected | Resistor | 3/4" | EY | Gasket Seat |
| BP | 13/16" | 14mm | Projected | Non-Resistor | 1/2" | HN | Gasket Seat |
| B | 13/16" | 14mm | Non-Projected | Non-Resistor | 3/8" | Y | Gasket Seat |
| BPMR (Compact Type) | 3/4" | 14mm | Projected | Resistor | 3/8" | Y | Gasket Seat |
| BM (Compact Type) | 3/4" | 14mm | Non-Projected | Non-Resistor | 3/8" | Y | Gasket Seat |
| BMR (Compact Type) | 3/4" | 14mm | Non-Projected | Resistor | 3/8" | A | Gasket Seat |

EXTENDED GAP TYPE

| Prefix | Hex | Thread Diameter | Insulator Type | Plug Type | Reach | Suffix Type | Seat Type |
|--------|------------|-----------------|----------------|-----------|--------|-------------|-------------|
| ZGR | 13/16" | 14mm | Projected | Resistor | 3/4" | A | Gasket Seat |
| ZGR | 13/16" | 14mm | Projected | Resistor | 22.0mm | C | Gasket Seat |
| ZFR | 5/8" (ISO) | 14mm | Projected | Resistor | 22.5mm | E | Gasket Seat |
| ZFR | 5/8" (ISO) | 14mm | Projected | Resistor | 3/4" | F,J | Gasket Seat |