

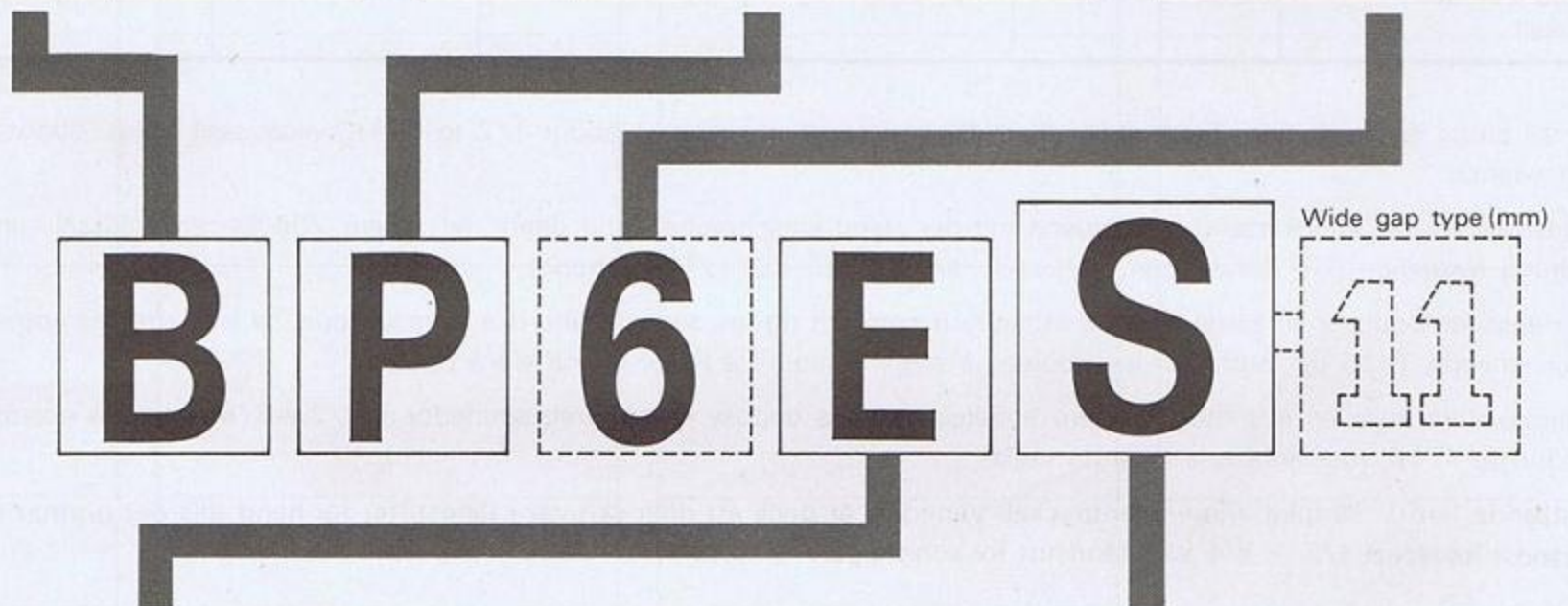
# DESIGN SYMBOLS USED IN NGK SPARK PLUGS

\* Standard regulation is drawn here. There also exist a few extraordinary symbols.

| First letter prefix for thread and hexagon size |             |              |
|---|-------------|--------------|
| Letter  | Thread size | Hexagon size |
| <b>A</b>  | 18mm        | 25.4mm       |
| <b>B</b>  | 14mm        | 20.6mm       |
| <b>C</b>  | 10mm        | 16.0mm       |
| <b>D</b>  | 12mm        | 18.0mm       |
| <b>F</b>  | 7/8"-18     | 23.8mm       |
| <b>G</b>  | PF1/2"-14   | 23.8mm       |

| Second & Third letter prefix for construction feature, except single prefix |                               |
|---|-------------------------------|
| Letter  | Construction feature          |
| <b>B</b>  | Hexagon size 20.6mm           |
| <b>C</b>  | Hexagon size 16.0mm           |
| <b>G</b>  | Hexagon size 23.8mm           |
| <b>K</b>  | Hexagon size 16.0mm (ISO)     |
| <b>L</b>  | Compact type (Shorty)         |
| <b>M</b>  | Compact type (Bantam)         |
| <b>P</b>  | Projected insulator nose type |
| <b>R</b>  | Resistor type                 |
| <b>S</b>  | Shielded type                 |
| <b>U</b>  | Surface discharge type        |

| Heat rating number |              |
|--------------------|--------------|
| <b>2</b>           | Hotter type  |
| <b>4</b>           |              |
| <b>5</b>           |              |
| <b>6</b>           |              |
| <b>7</b>           |              |
| <b>8</b>           |              |
| <b>(85)</b>        |              |
| <b>9</b>           |              |
| <b>(95)</b>        |              |
| <b>10</b>          |              |
| <b>(105)</b>       |              |
| <b>11</b>          | Racing plugs |
| <b>12</b>          | Colder type  |
| <b>13</b>          |              |
| <b>14</b>          |              |



| First letter suffix for thread reach |                                |        |
|--------------------------------------|--------------------------------|--------|
| Letter                               | Thread reach                   |        |
| <b>None</b>                          | 12.0mm (thread dia.-18mm)      |        |
|                                      | 9.5mm (thread dia.-14mm)       |        |
|                                      | 22.5mm (thread dia.-PF1/2"-14) |        |
|                                      | 16.0mm (thread dia. 7/8"-18)   |        |
|                                      | 11.2mm                         |        |
| <b>L</b>                             | 11.2mm                         |        |
|                                      | 12.7mm(Racing type 12.5mm)     |        |
|                                      | 19.0mm (Racing type 18.0mm)    |        |
|                                      | Conical seat type              |        |
|                                      | A-F                            | 10.9mm |
| <b>H</b>                             | B-F                            | 11.2mm |
|                                      | BM-F                           | 7.8mm  |
| <b>E</b>                             | BE-F                           | 17.5mm |
|                                      |                                |        |

| Second letter suffix for construction feature, etc.                     |  |
|---|--|
| Letter  | Construction feature, etc.                       |
| <b>A</b>  | Specials   |
| <b>B</b>  | Special plug for Honda vehicles                  |
| <b>C</b>  | Competition type                                 |
| <b>G</b>  | Racing plugs, nickel alloy center electrode      |
| <b>GV</b>   | Racing plugs, center electrode of precious metal |
| <b>N</b>  | Racing plugs, nickel electrode                   |
| <b>P</b>  | Racing plugs, platinum ground electrode          |
| <b>R</b>  | • Delta electrode types                          |
|   | • Shielded resistor plugs                        |
| <b>S</b>  | Copper core center electrode (Super)             |
| <b>V</b>  | - Center electrode of precious metals            |
| <b>W</b>  | Tungsten electrode                               |
| <b>X</b>  | Series gap plugs                                 |
| <b>Y</b>  | V-Grooved center electrode                       |
| Multiple ground electrodes type   |  |
| <b>K</b>  | : 2  |
| <b>T</b>  | : 3  |
| <b>M</b>  | : 2  |
| <b>Q</b>  | : 4  |
| Others: Except for above letters, there are special plugs of L, Z, etc. |  |