Champion

SECOND OR THIRD PREFIX	
Letter	Description
K	Resistor
Q	Resistor—CDI
R	Resistor
U	Auxiliary Gap
X	Resistor

SECOND PREFIX	
Letter	Description
B	Std. Height (See Below For Combinations)
C	Bantam Height (See Below For Combinations)
D	Bantam Height (See Below For Combinations)
E	Shielded ⅝"-24
G	1"-20 Female Connector
H	Shielded ¾"-20
K	Resistor
M	Shielded ⅝"-24 Ordnance
O	Wire Wound Resistor
P	Shielded 9/16"-27
Q	Resistor—CDI
R	Resistor
S	Shielded 11/16"-24 Whitworth
T	Special Connector-Shorty
U	Auxiliary Gap
V	Shielded 1"-20
W	Shielded 13/16"-20
X	Resistor
Z	Long Rch., Half-Thread

FIRST PREFIX			
Letter	Thread Size	Reach	Hex.
A	12mm	¾"	¾" or 11/16"
B	18mm	13/16"	⅞"
C	14mm	.750" w/gasket	⅝"
D	18mm	½"	⅞"
E	14mm	.708" Half Threaded†	⅝"
F	18mm	.460" Taper Seat	13/16"
G	10mm	.750"	⅝"
H	14mm	7/16"	13/16"
J	14mm	⅜"	13/16"
K	18mm	All	1"
L	14mm	½" or .472"	13/16"
M	18mm	½"	⅞" or 11/16"
N	14mm	¾"	13/16"
P	12mm	.492"	11/16"
R	12mm	¾"	¾" or 11/16"
S	14mm	.708" Taper Seat	⅝"
U	18mm	1⅛"	⅞"
V	14mm	.460" Taper Seat	⅝"
W, (C)	⅞"-18	All	15/16" or 1"
Y	10mm	¼"	⅝"
Z	10mm	.492"	⅝"

†With Extended Skirt

COMBINATION PREFIX			
Letters	Thread Size	Reach	Hex.
BL = V	14mm	.460" Taper Seat	⅝"
BN = S	14mm	.708" Taper Seat	⅝"
CJ	14mm	⅜"	¾" or 13/16"
DJ	14mm	.325" Taper Seat	⅝"
FN = C	14mm	.750" w/gasket	⅝"

COMBINATION SUFFIX			
Letters	Thread Size	Reach	Hex.
CM	14mm (Special for Mopeds)	.472"	13/16"
GY	Fine Wire (Semi-precious Electrode) with Projected Core Nose		
LM	14mm (Special for Lawnmowers)	⅜"	13/16"
LY	Extended Electrodes with Core Nose Projection		
PY	Fine Wire (Platinum Electrode) with Projected Core Nose		

R V 15 Y C 6

R B L 15 Y 6 *

BASIC NUMBER (Heat Range & Application)	
Heat Range Reference Number	Description
1 to 25	Automotive, Small Engines and Ordnance
26 to 50	Aviation
51 to 75	Competition, Racing
76 to 99	Industrial & Special Applications

RESISTOR PLUG USAGE

On all devices equipped with resistor type spark plugs to comply with Canadian Radio Frequency Interference regulations (Radio Act) ONLY resistor types can be installed as replacement. If not listed, the equivalent resistor type can be selected from the resistor types column of the heat range chart on pages 000 and 000.

*When second suffix only is used, hyphen follows basic number.
Examples: RBL8-6, RBL12-6, RF12-5.

1st and/or 2nd and/or 3rd SUFFIX	
Letter	Description
None or A	Conventional
B	Two Ground Electrodes
C	Copper Cored Center Electrode
D	Protruding Nose, Round Ground Electrode
E	Two-prong Aircraft Type
F	Three Ground Electrodes
G	Fine Wire—Semi-Precious Electrode
H	End of Ground Electrode to Side of Center Electrode
J	Cutback Ground Electrode, includes Modified Gap
K	Combination Surface-Air Gap—Dual Electrode
L	Extended Electrodes only
LC	Skirted shell with projected core nose
N	Four-Prong Aircraft Type
P	Fine Wire—Platinum Electrode
R	Push Wire
S	Single Ground Electrode at Side of Center Electrode
T	Kiekhaefer Gap
V	Surface Gap
W	Fine Wire—Iridium Electrode
Y	Projected Core Nose

NUMERIC SUFFIX	
Number	Description
4 5 6 8	Indicates wider nominal production gaps to accommodate specific gap requirements of engines meeting Federal exhaust emission standards. Opening or closing gaps more than .010" can distort gaps and shorten service life.

The sales symbol is composed of a Heat Range" Reference together with prefix letters and suffix letters/numbers to indicate major features of the plug design. Each has a definite meaning. Heat range references indicate a general application category (automotive, aviation, competition, special feature or application) of the plug design. For heat range comparisons within each series, refer to the Heat Range Chart.

PLUG THREAD INFORMATION
10 mm—M10 x 1.0 mm pitch
12 mm—M12 x 1.25 mm pitch
14 mm—M14 x 1.25 mm pitch
18 mm—M18 x 1.5 mm pitch