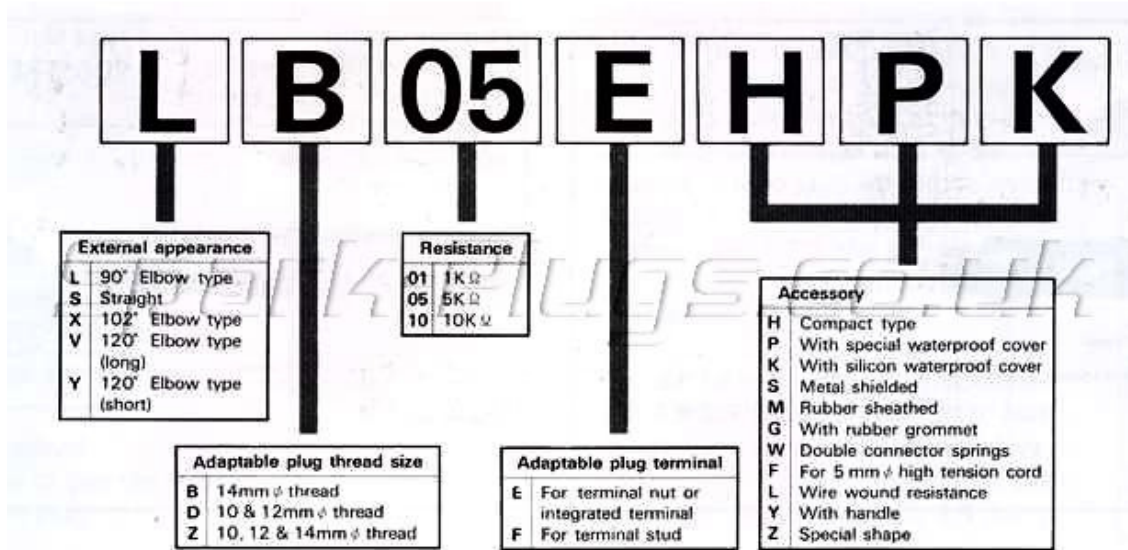


Spark Plug Coding

Some of the pages are a little blurred.
For a somewhat clearer view, go to:

http://www.spark-plugs.co.uk/pages/technical/spark_plugs_technical.htm

NGK



Technical Information

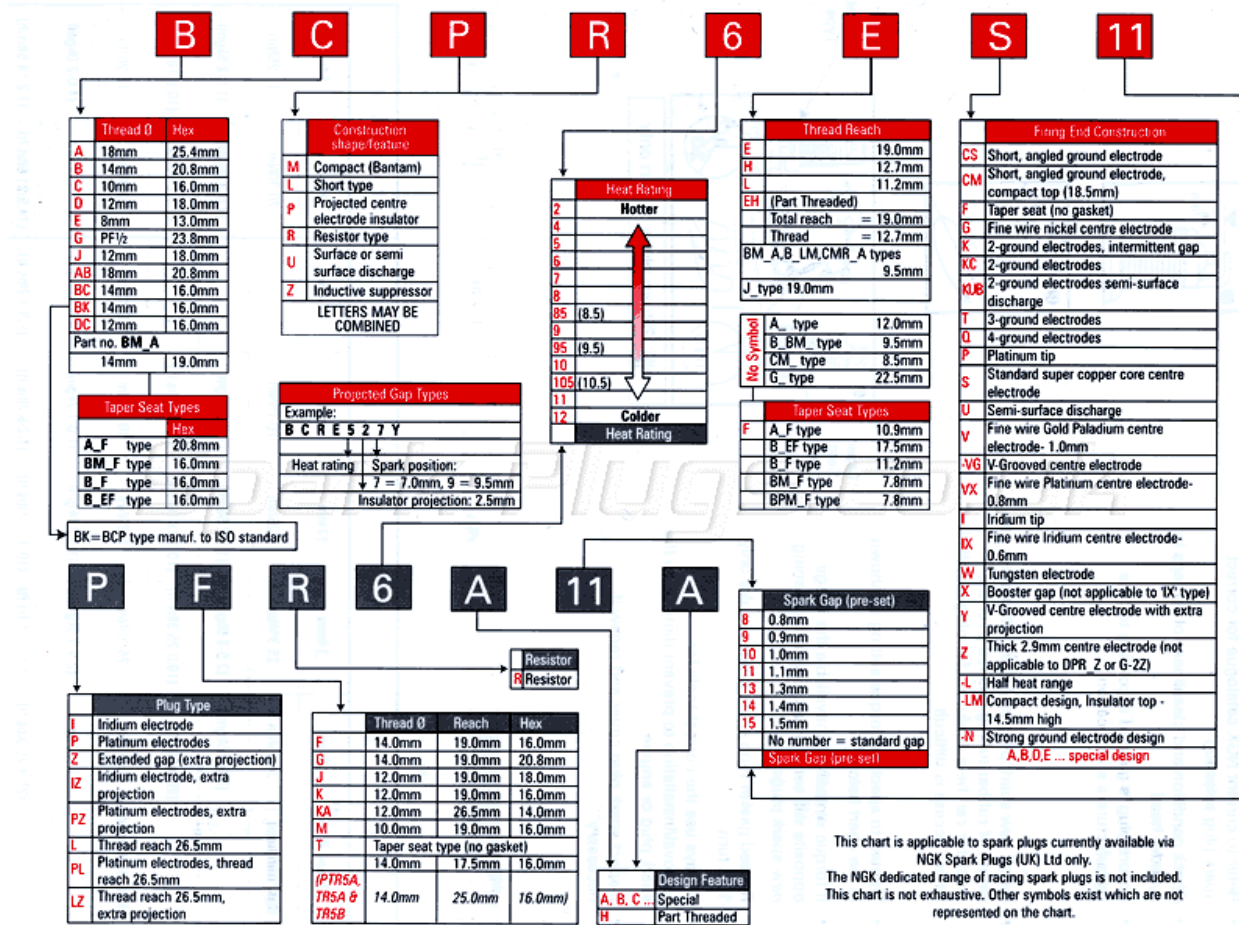
NGK Supercessions

* Denotes available in various heat ranges

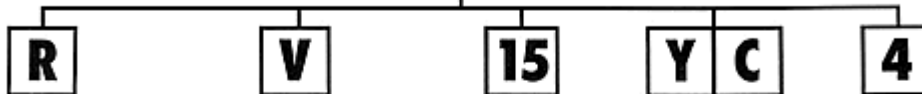
Old part number	New part number	Notes
*EV	*EVX	EVX replaces EV part no.
*HV	*HVX	HVX replaces HV part no.
B9HCV	B9HVX	Standard ground electrode
B9EV	B9EVX	Ag-Pd centre now Platinum
BCP5EV	BCP5EVX	Part number change
BCP7EV	BCP7EVX	Part number change
BR8EVX	BR8EIX	Iridium centre electrode
BR9EVX	BR9EIX	Iridium centre electrode
CR8EHVX-9	CR8EHIX-9	Iridium centre electrode

CR8EVX	CR8EIX	Iridium centre electrode
CR9EHVX-9	CR9EHIX-9	Iridium centre electrode
CR9EVX	CR9EIX	Iridium centre electrode
DPR8EVX-9	DPR8EIX-9	Iridium centre electrode
DPR9EVX-9	DPR9EIX-9	Iridium centre electrode
PTR5A-13	PTR5A-10	Smaller gap
R016-*	R0373A-*	Iridium replacement
R017-*	R0373A-*	Iridium replacement
R6120-*	R7282-*	Iridium replacement
R6120A-*	R7282-*	Iridium replacement
R7133-*	R7433-*	Iridium replacement
R7234-*	R7434-*	Iridium replacement
R7235-*	R7435-*	Iridium replacement

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Champion



RESISTOR		SHELL DESIGN				HEAT RANGE/ APPLICATION		FIRING END DESIGN		WIDE GAP DESIGNATION	
Letter	Description	Letter	Thread Size	Reach	Hex	Ref.#	Description	Letter	Description	No.	Description
B	Standard Height	A	12mm	3/4"	11/16" or 18mm	1-25	Automotive, Small Engine & Ordnance	None or A	Conventional	4	Wide gaps required
C	Bartan Height	B	16mm	13/16"	7/8"	26-50	Aviation	B	Two Ground Electrodes	5	to meet Federal
D	Bartan Height	C	16mm	3/4"	5/8"	51-75	H-Performance	C	Copper Plus Design	6	and California
E	Shielded 5/8"-24	D	16mm	1/2"	7/8"	75-99	Industrial & Special Applications	D	Protruding Nose, Round Ground Electrode	8	requirements.
G	1"-20 Female Connector	E	14mm	1 0/8" Taper Seat	5/8"			E	290° Core Nose Projection		
H	Shielded 3/4"-20	F	16mm	.460" Taper Seat	13/16"			F	Three Ground Electrode		
K	Resistor	G	10mm	.750"	5/8"			G	Fine Wire—Semi-Precious Electrode		
M	Shielded 5/8"-24	GC*	7/8"-18	Al	7/8"			H	330° Core Nose Projection		
Q	Ordnance	GM*	16mm	Al	7/8"			J	Outback Ground Electrode, Includes Modified Gap		
R	Resistor—CCI	H	14mm	7/16"	13/16"			L	Skirted Shell Firing End		
S	Shielded 11/16"-24	J	14mm	3/8"	13/16"			M	200° Core Nose		
T	Whitworth	K	16mm	Al	1"			N	Projected Core Nose		
U	13/16"-20 Thread Above	L	14mm	1/2" or .432"	13/16"			P	Four Ground Electrode		
X	Hexagon	M	16mm	1/2"	7/8" or 11/16"			R	Platinum Electrode		
		N	14mm	3/4"	13/16"			S	Push Wire		
		P	12mm	.492"	11/16"				Single Ground Electrode at Side of Center Electrode		
		R	12mm	3/4"	3/4" or 11/16"			V	Surface Gap		
		S	14mm	.708" Taper Seat	5/8"			X	Fine Wire		
		S	1-1/8"	5/8"	1"			Y	Standard Projected Core Nose		
		U	16mm	1-1/8"	7/8"			Z	Skirted Shell		
		V	14mm	.460" Taper Seat	5/8"			CC	Double Copper		
		W	7/8"-18	Al	15/16" or 1"			PP	Double Platinum		
		X	14mm	.500"	5/8"			PEP	Double Platinum Projected		
		Y	16mm	1/4"	5/8"			PUP	Double Platinum		
		Z	10mm	.492"	5/8"				Extended Electrode		
								FAP	Double Platinum Projected		
								PrC	Single Platinum Projected		
								PrP	Projected Double Platinum		
								WPC	Indium/Platinum/Copper		
								WPCC	Indium/Platinum/Double Copper		

*1"-20 Female Connector

Letter	Thread Size	Reach	Hex
EL or V	14mm	.460" Taper Seat	5/8"
EN or S	14mm	.708" Taper Seat	5/8"
CJ	14mm	3/8"	3/4" or 13/16"
DJ	14mm	.325" Taper Seat	5/8"
DZ	10mm	.500" Taper Seat	5/8"
FN or C	14mm	.750" w/gasket	5/8"

Letter	Description	Reach	Hex
BF	Multiple Ground Electrode w/Projected Core Nose	.472"	13/16"
CM	14mm (Special for Mopeds)		
GY	Fine Wire (Semi-precious Electrode) w/Projected Core Nose		
LM	14mm (Special for Lawn Mowers)	3/8"	13/16"
LV/E	Extended Electrode Gap & Core Nose Projection		

The sales symbol on a spark plug is composed of a basic "Heat Range" number with letters and numbers to indicate major features of the plug design. The charts above contain a detailed example of the Champion Sales Symbol.

Technical Information

Champion Supercessions

* Denotes available in various heat ranges

Old part number	New part number	Notes
7, 7COM	D14	18mm thread
8, 8COM	D16	18mm thread
16, 17, K9	D9	18mm thread
C59	QC59	Inductive suppressor
C59C	QC59C	Inductive suppressor
F9Y	F9YC	Copper core
F11Y	F11YC	Copper core
G59R	G57R	Slightly colder
J8	J8C	Copper core
L5	L78C	Copper core
L10	L86C	Copper core
L10S	L82C	Copper core
NA8	N5C	Copper core
NA10	N3C	Copper core
N2, N3, N4, N5	N2C, N3C, N4C, N5C	Copper core
N6Y	N6YC	Copper core
N8	N5C	Copper core
N84G	C55	Narrower ceramic, 16mm hex