

Guide on Classic British Motorcycle Spark Plugs – Types – Gaps

These pages have the details of each make & model of Classic British Motorcycle spark plug, along with the gap settings.

Should you have any questions or queries about the information given in these listings, please get in contact with me.

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>A.J.S</u>				
SV Models 18mm	7	D16	A6	.020"
OHV Models 14mm	L10	L86C	B6HS	.020"
OHV Models 18mm	K9	D9	A6	.020"
1946 350cc	L10	L86C	B6HS	.020"
1946 500cc	L7	L82C	B6HS	.020"
1947 - 1949 All Models - Cast Iron Head	L7	L82C	B6HS	.020"
1950 - 1964 All Models - Alloy Heads - Except Racer	N5	N5C	B6ES	.020"
7R Racer - Gap .016"	N54R	C55R	B10EG	.016"
1964 Onwards: 18 Statesman, 31 Swift, 33CSR, 33, 16C Experts	N4	N4C	B7ES	.020"
16 Scepture, 31CSR, 14CSR, Y4 Scrambler	N3	N3C	B8ES	.020"
18CS Southerner - Gap .016"	N57R	C57R	B10EG	.016"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Ariel</u>				
OHV Models 18mm	K9	D9	A6	.020"
SV Models 18mm	7	D19	A6	.020"
SV Models 14mm, 1/2" reach	L10	L86C	B6HS	.020"
Square 4 Cast Iron & Mk. 1 Alloy	L7*	L82C	B6HS	.020"
Square 4 Mk. 11 Alloy	N5*	N5C	B6ES	.020"
OHV Models Cast Iron 14mm - Except VB	L7*	L82C	B6HS	.020"
VB	N5*	N5C	B6ES	.020"
OHV Models Alloy Head - Except FH, HS	N5*	N5C	B6ES	.020"
FH Models	L7*	L82C	B6HS	.020"
HS - Gap .016"	N3	N3C	B8ES	.016"
Leader, Arrow, Arrow Super Sport, Golden Arrow, Arrow 200 - Gap .030"	N4	N4C	B7ES	.030"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>BSA</u>				
A7, A10GF	L7	L82C	B6HS	.020"
A7SS, A10RGS, A10RR, A10SR	N4	N4C	B7ES	.020"
A50, A50C, A50CC, A65, A65LC, A65R, A65T	N4	N4C	B7ES	.020"
A50W, A65H, A65FS, A65L, A65SS	N3	N3C	B8ES	.020"
B25 Starfire	N3	N3C	B8ES	.020"
B31, B33	L7	L82C	B6HS	.020"
B32 Cast Iron Head	L7	L82C	B6HS	.020"
B32 Alloy Head	N4	N4C	B7ES	.020"
B32GS, B40	N5	N5C	B6ES	.020"
B34 Cast Iron Head	L7	L82C	B6HS	.020"
B34 Alloy Head	N5	N5C	B6ES	.020"
B34GS Clubmans - Competition - Gap .016"	N57R	C57R	B10EG	.016"
B34GS Clubmans - Road Use	N3	N3C	B8ES	.020"
B34GS Clubmans - Scrambler	N3	N3C	B8ES	.020"
Gold Star Racer - Competition - Gap .016"	N54R	C55R	B10EG	.016"
Gold Star Racer - Road Use	N3	N3C	B8ES	.020"
B40SS90, Victot B44R, B44SS	N4	N4C	B7ES	.020"
Victor B44ET, B44GP, B44VS	N4	N4C	B7ES	.020"
C10L	N8	N5C	B6ES	.020"
C12	L7	L82C	B6ES	.020"
C15, C15T	N5	N5C	B6ES	.020"
C15S, C25	N3	N3C	B8ES	.020"
C15SS80	N4	N4C	B7ES	.020"
Bantam: D1 - 1954	L10	L86C	B6HS	.020"
Bantam: D1 - 1954 Onwards	L7	L82C	B6HS	.020"
D3, D5, D7	L7	L82C	B6HS	.020"
D10, D14/4, D14/4S	N4	N4C	B7ES	.020"
K1 Beagle	Z10	Z9Y	C7HSA	.020"
M21 Cast Iron Head	L10	L86C	B6HS	.020"
M21 Alloy Head	N8	N5C	B6ES	.020"
M33	L7	L82C	B6HS	.020"
Rocket 3	N3	N3C	B8ES	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>DOT</u>				
197cc, 250cc, Villiers - Trials Models	L81 or L5	L82C	B6HS	.020"
Scrambler - Gap .16"	L57R	L87R	N/A	.016"
Vale Onslow Conversions: Trials 3/4" Reach	N3	N3C	B8ES	.020"
Scrambles	N57R	C57R	B10EG	.020"
Guazzoni 175cc	N84 or N5	C57 or N5C	B6ES	.020"
Vivi Monza 50cc	L86 or L7	L86C or L82C	B6HS	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Douglas</u>				
350cc Mark V, Dragonfly	L7	L82C	B6HS	.020"
350cc Comp. Model	L7	L82C	B6HS	.020"
350cc 80 Plus, 90 Plus	L5	L82C	B6HS	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Francis Barnett</u>				
Scrambler 82 - AMC Engine	N3	N3C	B8ES	.020"
Other AMC Engines	N84 Or N5	C57 Or N5C	B6ES	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Greeves</u>				
Hawkstone Models - Gap .016"	L57R	L87R	N/A	.016"
24MXI, MX2, RBS, RDS - Gap .016"	L57R	L87R	N/A	.016"
24 RES, 24 RFS - Gap .016"	N54R	C55R	B10EG	.016"
24MX4	N60	C59C		.020"
36MX4, Griffon 56 & 58	N3	N3C	B8ES	.020"
35RFS - Gap .016"	N57R	C57R	B10EG	.016"
24TJS	N9Y	N9YC		.020"
24TJ	L81	L82C		.020"
Anzani Engines - Gap .20"	L87 Or L7	L86C Or L82C	B6HS	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>James</u>				
250cc Scrambler	N3	N3C	B8ES	.020"
Other AMC Engines	N84 Or N5C	C57 Or N5C	B6ES	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Matchless</u>				
SV Models 18mm	7	D16	A6	.020"
SV Models 14mm	L10	L86C	B6HS	.020"
OHV Models 18mm	K9	D9	A6	.020"
1946 350cc	L10	L86C	B6HS	.020"
1946 500cc	L7	L82C	B6HS	.020"
1947 - 1949 All Models - Cast Iron Head	L7	L82C	B6HS	.020"
1950 - 1964 All Models Alloy Heads Except Scramblers & Racers	N5	N5C	B6ES	.020"
Scramblers - Gap .016"	N57R	C57R	B10EG	.016"
Racers - Gap .016"	N54R	C55R	B10EG	.016"
1964 Onwards - G3C Maestro, G3C Trials, G80 Major, G12 Majestic	N4	N4C	B7ES	.020"
G15, G15CS, C15CSR, PIIA	N6Y	N6YC	BP8ES	.020"
G3 MERCURY, G12CSR Monarch, G2CSR Monitor Super Sports	N3	N3C	B8ES	.020"
G80CS Marksman - Gap .016"	N57R	C57R	B10EG	.016"
G85CS - Gap .016"	N57R	C57R	B10EG	.016"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Norton</u>				
All SV 18mm	K9	D9	A6	.020"
Model 16H 500cc SV	N5	N5C	B6ES	.020"
Big Four 596cc SV	N5	N5C	B6ES	.020"
Model 18, 490cc OHV, 30, 40 Cast Iron	L7	L82C	B6HS	.020"
30, 40 Alloy	N3	N3C	B8ES	.020"
ES2, 88, 7 Cast Iron	L7	L82C	B6HS	.020"
ES2, 88, 7, 99, Alloy	N5	N5C	B6ES	.020"
30M, 40M	N54R	C55R	B10EG	.016"
19R, 19S, 50, 77,500T	N5	N5C	B6ES	.020"
650 Dominator, 650 Mercury	N4	N4C	B7ES	.020"
Atlas, Commando, PIIA	N6Y	N6YC	BP8ES	.025"
1964 - Onwards	N4	N4C	B7ES	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Royal Enfield</u>				
350cc, Clipper & G, 248cc Clipper & Crusader & J2 500cc, 248cc Olympic	L7	L82C	B6HS	.020"
Continental, Continental GT	L5	L82C	B6HS	.020"
Ensign, RE, Prince	L10 Or L90	L86C	B6HS	.020"
350cc Bullet, 500cc Bullet, 1/2" Reach	L7	L82C	B6HS	.020"
350cc Bullet, 500cc Bullet, 3/4" Reach	N5	N5C	B6ES	.020"
Meteor Minor Sports	N5	N5C	B6ES	.020"
Super Meteor, Meteor Minor to Engine No SMCA7027	L7	L82C	B6HS	.020"
Super Meteor, Meteor Minor from Engine No 7028 Onwards	N5	N5C	B6ES	.020"
700cc Meteor Twin, 500cc Twin 1/2" Reach	L7	L82C	B6HS	.020"
700cc Constellation	N5	N5C	B6ES	.020"
Trial Works Replica	L7	L82C	B6HS	.020"
249cc Turbo Twin	L81 Or L5	L82C	B6HS	.020"
736cc Interceptor	N4	N4C	B7ES	.020"
247cc Scrambler - Gap .016"	N57R	C57R	B10EG	.016"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Rudge</u>				
Special & Ulster - 14mm Cast Iron	L5	L82C	B6HS	.020"
Special & Ulster - 14mm Alloy	N5	N5C	B6ES	.020"
Special & Ulster 18mm	K9	D9	A6	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Scott</u>				
498 - 596 Flying Squirrel, Town Riding	L10	L86C	B6HS	.020"
498 - 596 Flying Squirrel, Fast Riding	L7	L82C	B6HS	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Sunbeam</u>				
1946 Onwards S7 8 S8 Twins	N8	N5C	B6ES	.020"
All Other Models 14mm	L7	L82C	B6HS	.020"
All Other Models 18mm	K9	D9	A6	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Triumph</u>				
150cc Terrier, T20, T20C, T20T T20SL, Tiger Cub, T20SH, TR20	L7	L82C	B6HS	.020"
Trials Cub, Super Cub, Sports Cub TS20 Scrambler	L5	L82C	B6HS	.020"
3T, 5T Speed Twin, 6T Thunderbird, TR5 Trophy, Cast Iron	L7	L82C	B6HS	.020"
TR5 Trophy Alloy, TR5A, 6T Alloy	N4	N4C	B7ES	.020"
T100, T110 Cast Iron	L5	L82C	B6HS	.020"
T100, T100S, T100T, T110 Alloy 21 5TA, T100A, TR7A, TR25	N4	N4C	B7ES	.020"
Tiger 100C, T120TT (gap 0.16")	N57R	C57R	B10EG	.016"
Grand Prix 500cc (gap 0.16")	L54R	L84R		.016"
Other Over Head Models 14mm	L7	L82C	B6HS	.020"
OVH 18mm	K9	D9	A6	.020"
SV Models 14mm Except TRW	L10	L86C	B6HS	.020"
SV Models 18mm	7	L82C	B6HS	.020"
Model TRW SV (army)	L5	L82C	B6HS	.020"
Tiger 90	N4	N4C	B7ES	.020"
TR6, T120 pre 1968	N4	N4C	B7ES	.020"
1968 Onwards	N3	N3C	B8ES	.020"
T150 Trident	N3	N3C	B8ES	.020"
T140	N5	N5C	B6ES	.020"
TR65	N5	N5C	B6ES	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Velocette</u>				
GTB 250cc 2 Stroke	L86 Or L7	L86C Or L82C	B6HS	.020"
MOV 250cc OHV	L7	L82C	B6HS	.020"
KSS 350cc Mk.II	N5	N5C	B6ES	.020"
MAC 350cc Cast Iron Head	L7	L82C	B6HS	.020"
MAC 350cc Alloy Head	N5	N5C	B6ES	.020"
MSS 500cc Cast Iron Head	L5	L82C	B6HS	.020"
MSS 500cc Alloy Head	N4	N4C	B7ES	.020"
Viper Sports, Viper Clubman, Venom Special, Venom Sports - Gap .025"	N4	N4C	B7ES	.025"
Viper Special, Venom Clubman, Venom Endurance, 350cc Scrambler, 500cc Scrambler & Vee-Line Models	N3	N3C	B8ES	.020"
Venom Thruxton	N3	N3C	B8ES	.020"
LE, Valiant, Vogue - Gap .025"	Z10	Z9Y	C7HSA	.025"
Viceroy	N5	N5C	B6ES	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Villiers Engines</u>				
50cc Mk.3K	L81 Or L5	L82C	B6HS	.020"
98cc Mks 1F, 2F, 4F, 6F	L86 Or L7	L82C	B6HS	.020"
98cc 35PD	UK10	D9	A6	.020"
98cc Midget	8 Com	D16	A6	.020"
98cc Junior	L90 Or L10	L86C	B6HS	.020"
98cc Deluxe	7 Com.-L	D16	A6	.020"
98cc 4F, 6F	L86 Or L7	L86C	B6HS	.020"
122cc 8D, 9D, 10D, 12D, 13D	L86 Or L7	L86C	B6HS	.020"
122cc 11D	L81 Or L5	L82C	B6HS	.020"
147cc 29C, 30C Fan Cooled	L81 Or L5	L82C	B6HS	.020"
147cc 30C	L86 Or L7	L82C	B6HS	.020"
147cc Mk 8C	8 Com	D16	A6	.020"
148cc Mk 12C, 15C	7 Com.-L	D16	A6	.020"
148cc Mk 31C	L81 Or L5	L82C	B6HS	.020"
173cc 2L, 3L	L81 Or L5	L82C	B6HS	.020"
197cc 1E, 2E, 3E	7 Com.-L	D16	A6	.020"
197cc Mk 5E	K9	D9	A6	.020"
197cc 6E, 7E, 9E, 10E, 11E	L81 Or L5	L82C	B6HS	.020"
197cc Super Sports 18mm	7 Com.-L	D16	A6	.020"
197cc 9E Super Sports - Gap .016"	L57R	L87R	N/A	.016"
225cc 1H	L81 Or L5	L82C	B6HS	.020"
246cc 2H	L86 Or L7	L82C	B6HS	.020"
246cc 31A/4S, 31A/3S, 32A. 35A. 37A	L81 Or L5	L82C	B6HS	.020"
246cc 36A Parkinson Conversion - Gap .016"	L57R	L87R	N/A	.016"
246cc 33A, 34A, 36A	N3	N3C	B8ES	.020"
247cc Starmaker - Trials	L86	L86C	B6HS	.020"
247cc Starmaker - Scrambles - Gap .016"	N3	N3C	B8ES	.016"
247CC Starmaker - racing - Gap .016"	N54R	C55R	B10EG	.016"
249cc 2T Twin	L86 Or L7	L86C Or L82C	B6HS	.020"
249cc Mk 14A	7 Com.-L	D16	A6	.020"
250cc 4T Twin	L81 Or L5	L82C	B6HS	.020"
324cc 3T Twin	L81 Or L5	L82C	B6HS	.020"
346cc 14B, 27B	7 Com.-L	D16	A6	.020"
353cc 28B	L81 Or L5	L82C	B6HS	.020"

Make & Model of Motorcycle	Original Champion Part No.	Modern Champion Part No	NGK Part No	Gap Size
<u>Vincent</u>				
Black Shadow	N5	N5C	B6ES	.020"
Rapide	N8	N5C	B6ES	.020"
Comet, Meteor, Lightning, Prince, Knight, Victor	N5	N5C	B6ES	.020"
Grey Flash 500cc	N3	N3C	B8ES	.020"
Other Models 14mm	L7	L82C	B6HS	.020"
Other Models 18mm	K9	D9	A6	.020"