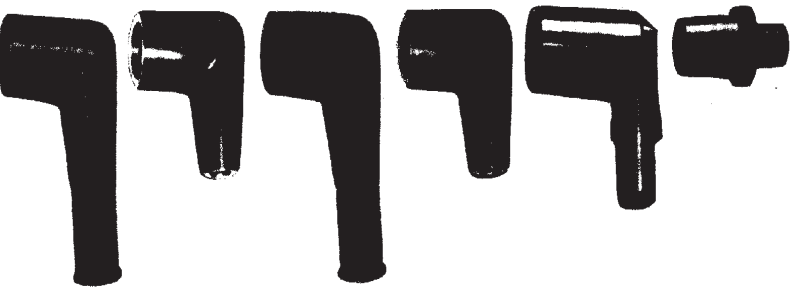


Spark Plug Identification and Conversion

COVERS AND TERMINALS



H.T.C.
(High Tension Connector) Push-on type

WCX 600
With suppressor

WC 300
Improved oil and heat resistance for special applications

WCX 300
As WC 300 but with suppressor

WC 200
High grade P.V.C. Tight fitting for improved water resistance

WCX 200
As WC 200 but with suppressor

CHAMPION TERMINALS

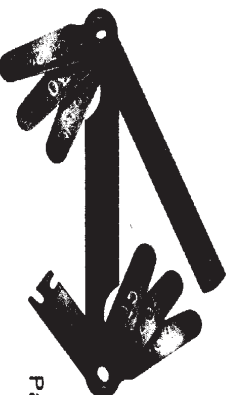


ZN-9B Continental
(4 × 0.70 mm.)



ZN-9A Continental
(4 × 0.70 mm.)

CHAMPION COMBINED GAP-SETTING TOOL AND GAUGES



Part No. M5

The handy Champion Gap Setting Tool, with slotted blade for adjusting earth electrodes, points file and six feeler gauges.

0.016" (0.40 mm.)	0.028" (0.70 mm.)
0.020" (0.50 mm.)	0.030" (0.75 mm.)
0.025" (0.60 mm.)	0.032" (0.80 mm.)

CONVENTIONAL GAP SETTINGS

Racing Plugs	0.016"	0.4 mm.
Coil (Standard)	0.025"	0.6 mm.
Coil (Sports)	0.028"/0.032"	0.7/0.8 mm.
Magneto	0.020"	0.5 mm.

SPARK PLUG SPANNER SIZES

Thread size	Prefix "C"	Prefix "W"	Spanner AF.
7/8"—18			1 1/2"
18 mm.	Prefix "D"	Prefix "D"	1 1/2"
	all others	all others	1"
18 mm. taper seat	Prefix "F"	Prefix "F"	1 1/2"
14 mm. (except Bantam types and Prefix "B")			1 1/2"
14 mm. Bantam types	Prefix "B"	Prefix "B"	1 1/8"
			1 1/8"
12 mm.	Prefix "P" & Type R-6	Prefix "R" (except R-6)	1 1/8"
			1 1/8"
10 mm.			1 1/8"

CROSS REFERENCE CHART

IMPORTANT—Comparative types listed below are seldom duplicated exactly in heat range. Always consult Champion recommendations for correct spark plug application.

AC TO CHAMPION

M8	UY-6	43L	H-8	M44	J-6J	M45F	L-90	85T	860
41F	L-5	43S	UJ-10Y	M44C	J-6J	46	UJ-12	85TS	UF-14Y
42	J-4J	43XL	N-3	M44F	L-90	46FF	L-90	C85	7
42F	L-5	C43	J-6	M44L	H-10J	46N	N-8	C85H	7
42FS	UL-82Y	M43F	L-86	M44XL	N-88	46XL	N-8	C85TS	UF-14Y
42TS	BL-9Y	44	J-6	45	J-8	C46	UJ-12	86	D-16
42FA	L-81	44-5V	J-8	45F	L-10	47	UJ-12	C86H	D-16
42XLS	N-9Y	44F	L-7	45L	H-10	C47	UJ-12	C87H	8 Com
CS42T	DJ-6	44FA	L-86	45S	UJ-12Y	48	UJ-12	88	D-21
M42F	L-81	44S	UJ-12Y	45XL	N-5	C82	K-9	104	UY-6
M42K	J-4J	44XL	N-5	45XLS	N-14Y	C83	UK-10	104V	UY-6
43	J-6	44XLA	N-88	C45	J-8	C83H	UK-10		
43F	L-7	44XLS	N-11Y	CS45T	DJ-8	84TS	UF-11Y		
43FS	L-87Y	C44	J-6	M45	J-8J				

BOSCH TO CHAMPION

M95TI	D-16	W145T3	J-8	W175T30	N-11Y	W225T1	L-5	W240T3	J-4J
W95TI	L-90	W145T30	N-14Y	W175T35	L-87Y	W225T2	N-4	W240P11S	L-81
W95T2	N-21	W160T2	N-5	WKA175T38	CJ-8	W225T3	J-6	W260T1	L-78
W95T3	UJ-12	M175T1	D-9J	W190M11S	L-86	W225T7	L-87Y	W260T2	N-3
M145T5	7	W175T1	L-7	W200T30	N-9Y	M240T1	D-6	W260T30	N-6Y
W145T1	L-10	W175T2	N-5	W200T35	UL-82Y	W240T1	L-5		
W145T2	N-8	W175T7	L-87Y	M225T1	UK-10	W240T2	N-3		

AUTOLITE TO CHAMPION

AE2	L-81	AG4	N-5	P6	UY-6	F11	A-25	AG42	UN-12Y
AG2	N-4	AT4	J-6	A7	J-8	AG12	N-6X	AT42	UJ-10Y
BT2	D-6	ATL4	H-3	A7X	J-8J	BT15	D-89D	BF42	UF-11Y
HE2	P-7	BT4	D-10	A7XM	J-8J	TT15	W-89D	BTF42	UF-9Y
A3	J-6	P4	UY-6	AL7	H-10	A21X	J-4J	A52	UJ-14Y
A3X	J-6J	A5	J-8	AL7X	H-10J	A21XM	J-4J	AE52	L-87Y
A3XM	J-6J	A5X	J-8J	AL7XM	H-10J	AE22	UL-82Y	AG52	N-14Y
AE3	L-85	A5XM	J-8J	BF7	870	AG22	N-9Y	AL52	H-14Y
AG3	N-5	AG5	N-8	ATL8	H-10	BF22	F-7Y	AE62	L-92Y
AT3	J-6	AL5	H-8	BT8	D-16	BTF31	F-10	A82	UJ-18Y
ATL3	H-8	AL5X	H-8J	BZ8	UD-16	A32	UJ-10Y	AE82	L-15Y
BT3	D-9	AL5XM	H-8J	AG9	N-21	AE32	L-87Y	AG82	N-16Y
BTF3	F-10	AE6	L-86	AZ9	UJ-12	AG32	N-9Y	AL82	H-18Y
HE3	P-7	AER6	XL-85	BT9	D-21	BF32	UF-9Y	BF82	UF-14Y
PE3	Z-10	BT6	7 Com	A11	UJ-12	A42	UJ-12Y	BF92	UF-14Y
AE4	L-85	BTF6	860						

KLG TO CHAMPION

GT6L	N-9Y	FS45P	UJ-14Y	F55P	L-87Y	F75	L-7	M80	D-9
GT7L	N-8Y	F50	L-10	FE55P	UN-12Y	FE75	N-5	T90	Z-10
F20	L-90	FA50	H-10	FS55P	UJ-12Y	FE75H	N-88	F100	L-5
FE20	N-21	FA50H	H-10J	M60	UK-10	FS75	J-6	FE100	N-3
FS20	UJ-12	FE50	N-8	FE65P	N-9Y	FS75H	J-6J	FS100	J-4
M30	8 Com	FS50	J-8	F70	L-7	TW75	P-7	FS100H	J-4J
FS35P	UJ-18Y	FS50H	J-8J	FA70	H-8	F80	L-85	FE125P	N-6Y
FE45P	N-14Y	M50	7 Com	FE70	N-5	FE80	N-4		

N-5 (cont.)

Clubman, 1100, 1800 Mk. I, Minor 1000.
 Princess 1100.
 Reliant 3/25, 3/30, 21E, Rebel.
 Renault R16, R16TA, R16TL.
 Riley One-Point-Five, 4/68, 4/72, Elf, Kestrel 1098.
 Rover 3 litre.
 Singer Gazelle 1600, Vogue 1600.
 Sunbeam Rapier 1600, Alpine 1600.
 Triumph Herald 948, Herald "S".
 Wolseley 1500, 15/60, 16/60, Hornet, 1100, 18/85 Mk. I.

L-87Y (14 mm. 3/4" reach)

Abarth 595, 595SS, 695, 695SS.
 Bond Equipe GT4S (1147 c.c.).
 Citroen 1956 onwards. All models (except GS & SM).
 Ford (Germany) 12M, 15M, 17M, 20M, 1962-67.
 Mercedes Benz 180a, 180b, 180c, 190, 190b, 190c, 219, 200, 220, 220a, 220s, 300, 300b, 300c, 319b, Unimog.
 Peugeot 403 models.
 Renault Ondine, Florida, Florida "S", R4, R4L, R6 (850, 1100), R8, R8S, R10 (1100, 1300), R12, Caravelle.
 Rover 3.5 litre V-8, 3500, Range Rover.
 Triumph TR models, Spitfire Mk. I-II, Heralds 1200, 12/50.
 Volvo B18A, B18D engines.

UN-12Y/N-12Y (14 mm. 3/4" reach)

Austin A110, A105, A99, A95, A90 Westminster.
 Austin Healey 100/Six, 3000, Sprite 948 c.c. & 1098 c.c.
 Ford Consul (to 1962), Zephyr & Zodiac Mk. 1-3 models.
 Hillman Husky "B". Series chassis numbers.
 Humber Hawk 1957 onwards.
 Jaguar 3.4 and 3.8 litre engines.
 M.G. Midget, 948 c.c. & 1098 c.c.
 Mercedes Benz 600, 300SEL 6.3.
 Princess 3 litre.
 Wolseley 6/90, 6/99, 6/110.

J-8 (14 mm. 3/4" reach)

Aspera 4-stroke engines.
 Briggs & Stratton 4-stroke engines.
 Clinton 4-stroke engines.
 Lawson Mower engines.
 Lawnboy Mowers.
 Pinnock Rotary mowers.
 Pioneer 4-stroke engines.
 Shay Rotogardener.
 Suffolk 4-stroke mowers.
 Vauxhall Victor (F) Vellox & Cresta 2262 c.c.
 Victa 125 c.c. 4-stroke mowers.
 Webb 14" & 18" mower.

L-10 (14 mm. 1/2" reach)

Atco Mowers with B.S.A. & Villiers engines.
 B.S.A. Various engines.
 Coventry Climax Fork lift trucks (2-2 litre).
 Coventry Victor Midget.
 Ford Side-valve engines, Anglia, Prefect, Popular.
 Gravely Junior Tiller.
 Honda G41 engine.
 Howard Rotavators.
 J.A.P. Various engines.
 Jo-Bu Viking & Tiger chain saws.
 Ransomes 14 mm. mower engines.
 Triumph 2-2 litre engine.
 Valler Mower.
 Villiers Various engines.

N-8 (14 mm. 3/4" reach)

Bentley To 1958 6-cyl. models, except Continental.
 B.S.A. Various engines.
 Coventry Climax Various engines.
 Coventry Victor AN-3, WN-3.
 Daimler All models except 2-8 & 4-2.
 Princess 4 litre Limousine.
 Rolls Royce Phantom 3, Silver Dawn, Silver Wraith, Silver Cloud, B40, B60, B80 industrial engines.
 Rover 60, 75, 80, 90.
 Villiers Viscount C45 (petrol/gas), C30, F12, F15

N-7Y (14 mm. 3/4" reach)

Autobianchi A112.
 Auto Union Audi Super 90, 100S, 100LS.
 Chrysler 160, 160GT, 180.
 Daimler Sovereign 2-8.
 Datsun 240C, 240Z.
 Fiat 850 Sport, 850 Special, 124 Special "T", 125 Special, 127, 128 Rally.
 Ford Cortina Lotus, Cortina Twin-Cam, Escort Twin-Cam.
 Hillman Avenger (1250, 1500), GT.
 Jaguar XJ6 2-8.
 Jensen Healey Sports.
 Lancia Flavia 1800 & 2000, Flaminia 2-8, Fulvia (except 1600).
 Lotus All Elan models, Europa.
 Mercedes Benz 190B, 190C, 190SL, 219, 200, 200/8, 220B, 220S, 220SB, 220/8, 230, 230/8, 230S, 250S, 250/8, 250C/8, 280S/8, 280SE 3-5, 280SEL 3-5, 300SEL 3-5, 300SC, 350 SL, 350SLC, 1968 onwards: All fuel inj. models.
 Peugeot 304, 504 1971 c.c. Carb.
 Renault R16TS.
 Rover 200TC.
 Simca 1000GLS (1970 onwards), 1000 Rallye, 1000 Special, 1100GLS, 1100LS, 1301LS & GL (Long Reach), 1301 Special, 1301GL/S.
 Toyota Corona 1900 Mk. 2, Celica, Carina.
 Volkswagen 411LE, K70L.

CHAMPION TYPES BY HEAT RANGE

‡Bantam Type øTurbo-Action Types Taper Seat
 *0.445" reach **0.472" reach †Auxiliary Spark Gap ††Bentley & Rolls-Royce

THREAD SIZE	HEAT RANGE	STANDARD TYPES	RESISTOR & BANTAM TYPES	SHIELDED TYPES	MARINE AND 2-STROKE	RACING TYPES
1/2"-18	NORMAL	C-5				
18 mm. With gasket	HOT	7 Com.-L 8 Com., D-16 7 7 Com. UK-10*† K-9* UK-7*†				
	COLD					K-60R K-57R K-54R
18 mm. Tapered Seat	HOT	870 860 F-10 F-82				
	COLD					F-62R F-60R F-57R F-54R

18 mm. Tapered Seat Turbo-Action	HOT	F-14Y F-11Y F-9Y F-7Y				
	COLD					F-83Y F-62Y F-60Y
14 mm. 1/4" reach	HOT	UJ-12† J-8 J-6	CJ-14† XJ-8 CJ-8† DJ-8† CJ-6† DJ-6†	RSJ-8	J-12J J-8J J-6J	
					J-4J J-2J	J-62R J-60R
	COLD					J-57R J-54R
14 mm. 1/4" reach Turbo-Action	HOT	J-18Yø J-13Yø J-12Yø J-11Yø J-10Yø	XJ-14Yø XJ-12Yø XJ-11Yø			
	COLD		CJ-7Yø			J-63Y J-61Y, J-86Y J-83Y
14 mm. 3/16" reach	NORMAL	H-10				
	COLD	H-8				
14 mm. 3/16" reach Turbo-Action	HOT	H-18Yø				
	COLD	H-14Yø				

CHAMPION TYPES BY HEAT RANGE—Continued

THREAD SIZE	HEAT RANGE	STANDARD TYPES	RESISTOR & BANTAM TYPES	SHIELDED TYPES	MARINE AND 2-STROKE	RACING TYPES	HESSSELMAN TYPES
14 mm. 1/4" reach	HOT	L-14 L-10, LB-8†† L-7, L-88A** L-85** L-5	XL-10	RSL-10	L-90** L-86** L-81**, L-4J L-78 L-77J	L-62R L-60R L-57R L-54R	
	COLD						
14 mm. 1/4" reach Turbo-Action	HOT	L-15Yø L-92Y**ø L-87Y**ø BL-9Yø UL-82Y***†ø					
	COLD					L-66Y L-64Y L-61Y	
14 mm. 1/4" reach	HOT	N-21 N-8 N-5, N-88 N-4 N-3	XN-8	RSN-8			
	COLD					N-62R N-60R N-57R, N-60 N-54R N-52R	

14 mm. 1/4" reach Turbo-Action	HOT	N-14Yø UN-12Y†ø, N-12Y N-11Yø N-10Yø N-9Yø N-8Yø N-7Yø N-6Yø					
	COLD					N-65Y N-64Y N-63Y N-60Y	
12 mm. 1/4" reach	NORMAL	P-7					
10 mm. 1/4" reach		UY-6†					
10 mm. 1/4" reach	HOT	Z-10 Z-8					
	COLD						
10 mm. 3/16" reach	HOT					G-63 G-61 G-59R G-56R G-54R	
	COLD						
1/2"-18 (Diesel)		W-89D W-95D					
18 mm. (Diesel)		D-89D					
18 mm. (Hessselman)							K-98F K-97F
1/4" Gas		A-25					