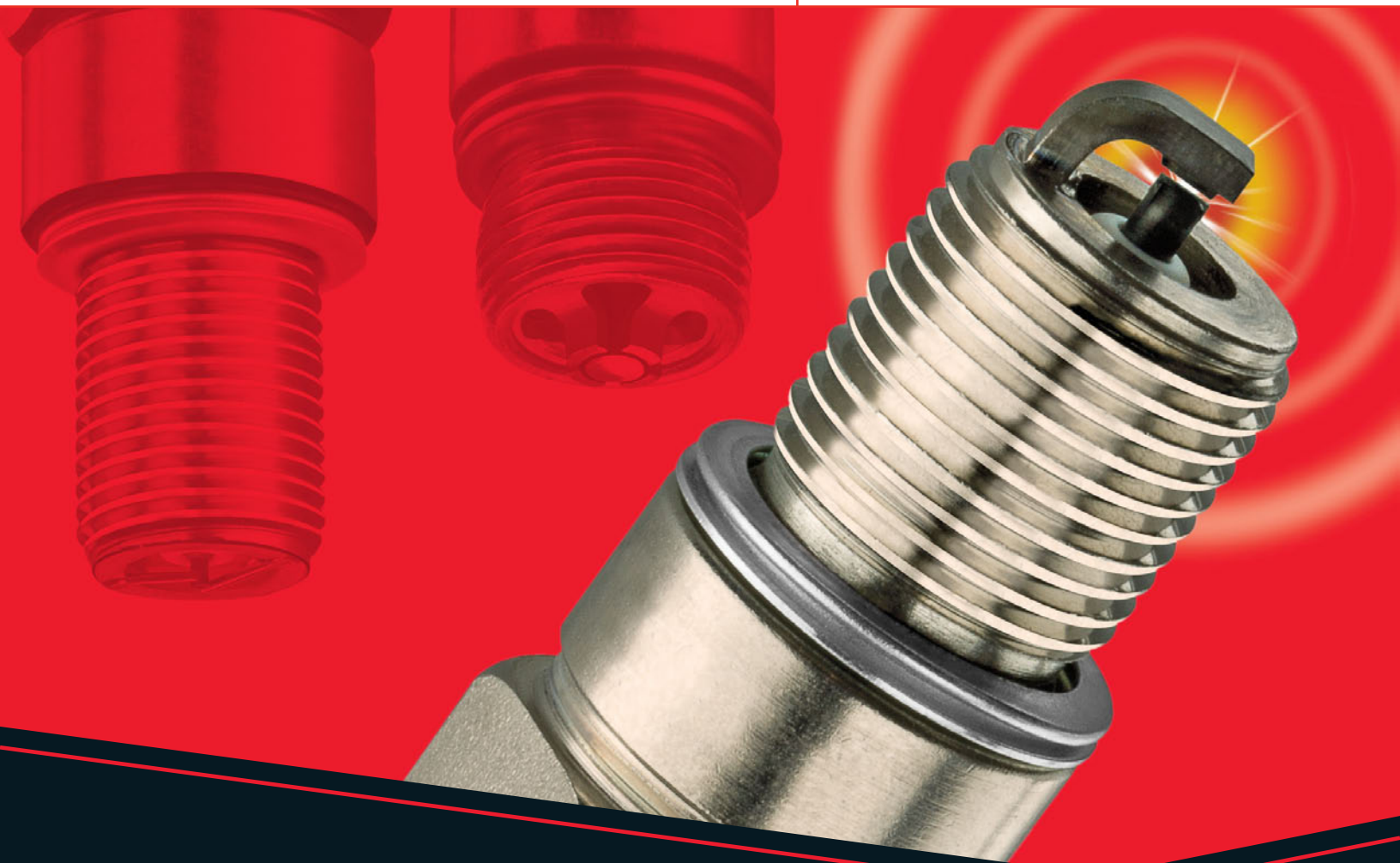




Industrial Spark Plug
Application Catalog

2012



**PERFORMANCE
DRIVEN™**



COMMERCIAL, STATIONARY AND GAS ENGINE APPLICATIONS

MAKE YEAR and MODEL	PREMIUM LONG LIFE			COPPER PLUS UNSHIELDED			PREMIUM SHIELDED 3/4"-20		SHIELDED 3/4"-20		INTEGRAL COIL TYPE 13/16"-20		
	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	GAP
ABC													
Washing Machines													
All Models ABC													
AJAX													
(Cooper Energy Services)													
6-1/2x8CMA, EA30													
7-1/4x8CMA, E30, 7-1/2x10CMA, E42													
CMA, C30, 7-1/2x10, CMA, EA22 6-1/2x8													
DP115, DP125 13-1/4x16													
DP160, DPC160 11x14													
DP165, DP300, DP325 15x16													
DP230, DP250 13-1/4x16													
DP60, DPC60, DPC120 9-1/2x12													
DP80, DPC80 11x14													
DPC115, DPC140 13-1/4x16													
DPC162, DPC180, DPC300 15x16													
DPC180LE, DPC360LE Main Chamber													
DPC180LE, DPC360LE Pre Chamber													
1207	RW80PP	.015	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015	
582	RW82P		545	W85N									
DPC230, DPC280 13-1/4x16													
DPC360, DPC540 15x16													
DPC600, DPC800													
DPC600LE, DPC800LE Main Chamber													
DPC600LE, DPC800LE Pre Chamber													
1207	RW80PP	.015	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015	
582	RW82P		545	W85N									
DPC81 10-1/2x12, DPC105 12x14													
E15 5-1/4x8, E42, C40, C42 8-1/2x10													
WL, EA15 5x6-1/2													
569													
569													
ALLIS-CHALMERS													
GASOLINE													
G-138, G-149, G-160, 14 Power Units													
871													
841													
J8C													
.025													
G-226 3/8" Reach													
102													
RJ6C													
.020													
871													
RJ8C													
G-226, G-262 3/4" Reach													
123													
RN5C													
.025													
575													
RHN79G													
1232													
540													
RTN79WYP													
.025													
RTN79G													
P-1879, PC-1879, PC-2505, PCS-2505													
509													
D9													
.025													
LOW GRADE FUEL													
G-226 3/4" Reach													
405													
RN14YC													
.030													
G-226, W-201 3/8" Reach													
592													
RJ12C													
.030													
511													
J11C													
NATURAL & LP GAS													
G-138, G-149, 14 Power Units													
102													
RJ6C													
.020													
823													
J6C													
G-160													
825													
J4C													
.020													
G-226 3/8" Reach													
102													
RJ6C													
.020													
871													
RJ8C													
G-226, G-262 3/4" Reach													
818													
RN2C													
.025													
575													
RHN79G													
1232													
540													
RTN79WYP													
.025													
RTN79G													
AMERICAN MOTORS													
232, 258 cid 6-Cyl.													
404													
RN12YC													
.025													
38													
N12YC													
304, 360 cid V-8													
404													
RN12YC													
.025													
38													
N12YC													
ARIEL													
JGS-1 High Tension													
530	RN79G	.012											
1232													
540													
RTN79WYP													
.012													
RTN79G													
JGS-1 Low Tension													
530	RN79G												
1232													
540													
RTN79WYP													
.012													
RTN79G													
ARROW													
C46, C66, C96, C106, C255													
502													
D21													
.025													
543													
D89D													
C96, C106, C255													
502													
D21													
.025													



MAKE YEAR and MODEL	PREMIUM LONG LIFE			COPPER PLUS UNSHIELDED			PREMIUM SHIELDED 3/4"-20		SHIELDED 3/4"-20		INTEGRAL COIL TYPE 13/16"-20		
	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	GAP
ARROW													
L-333, L-795, L-1770, L-2165, F-208 VRG220, VRG330	530	RN79G	.015	589 123 120	W89D RN5C N5C	.025 .025	575	RHN79G			1232 540	RTN79WYP RTN79G	.015
Y-12, Y-18, Y-24, Y-33				405	RN14YC	.030							
BARTON													
Washing Machines													
All Models BARTON				871 841	RJ8C J8C	.030							
BAUDOIN													
6 or 12 P15.2				685	S59YC	.020							
BERNARD													
All Models BERNARD	1224	RL85G	.015	830 306	RL86C L86C	.025	551	RHL79G			556	RTL85G	.015
BUDA (See Allis-Chalmers)													
CASE													
188G, 301G, 377G Gasoline				516 555	D16 UD16	.025							
188G, 301G, 377G Natural & LP Gas	233 217	RM82WPCC RM77PP	.012	519	RM77N	.015	236 222	RHM78WPCC RHM78PP	234	RHM78N	223 1201	RTM77PP RTM78N	.015
A284, A377, 159G Gasoline				516 555	D16 UD16	.025							
A284, A377, 159G Natural & LP Gas	233 217	RM82WPCC RM77PP	.012	519	RM77N	.015	236 222	RHM78WPCC RHM78PP	234	RHM78N	223 1201	RTM77PP RTM78N	.015
CATERPILLAR													
D315G D318G G3304 copy the 1/2" reach and 3/4" rache													
NATURAL GAS													
3306, G333 1/2" Reach 3306, G333 3/4" Reach, G343, G3304	1224 530	RL85G RN79G	.015 .015	535	RL15B	.015	551 575	RHL79G RHN79G			556 1232 540	RTL85G RTN79WYP RTN79G	.015 .015
G3400 Series	530	RN79G	.015				575	RHN79G			1232 540	RTN79WYP RTN79G	.015
G342, G353, G375, G379	1224 1230	RL85G FB77WPCC	.015	535	RL15B	.015	551	RHL79G			556	RTL85G	.015
G3500 Series	634 636 1230	RB77WPCC RB77WPC FB77WPCC	.012	237 643	RB77CC RB75N	.012			624	RHB81N	235	RTB77WPCC	.012
G3600 Series	634 636	RB77WPCC RB77WPC	.012	237 643	RB77CC RB75N	.012			624	RHB81N	235	RTB77WPCC	.012
G3600 Series (Sensor Plug) G3600 Series (Sensor Plug) Bulbos				227 1211	FI21505 FI21511								
G397, G398, G399	1224	RL85G	.015	535	RL15B	.015	551	RHL79G			556	RTL85G	.015
STARTING ENGINES FOR DIESELS													
14mm Heads													
D320, D339, D342, D343, D353 D330, D333				58 14 10	RJ18YC RJ12YC J12YC	.030 .030							
D375, D379, D397, D398, D4600				58	RJ18YC	.030							
18mm Heads													
D320, D326, D337				516 555	D16 UD16	.025							
D339, D342, D343, D353				516 555	D16 UD16	.025							
D375, D379, D397, D398				516 555	D16 UD16	.025							
CHRYSLER													
GASOLINE													
Light Service													
1976-75 H225, HB-225 H440				406 63 10	RV12YC RJ14YC J12YC	.035 .035							



MAKE YEAR and MODEL	PREMIUM LONG LIFE			COPPER PLUS UNSHIELDED			PREMIUM SHIELDED 3/4"-20		SHIELDED 3/4"-20		INTEGRAL COIL TYPE 13/16"-20		
	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	GAP
DORMAN													
12S, 12STCWG, 12STCAG, 6PG, 12PG	233	RM82WPCC	.012	519	RM77N	.015	236	RHM78WPCC	234	RHM78N	223	RTM77PP	.015
	217	RM77PP		529	D14N		222	RHM78PP			1201	RTM78N	
12SG	233	RM82WPCC	.012	519	RM77N	.015	236	RHM78WPCC	234	RHM78N	223	RTM77PP	.015
	217	RM77PP		566	M82N		222	RHM78PP			1201	RTM78N	
3DAG, 4DAG, 6DAG, 6QG, DATG4, 6	530	RN79G	.015	880	RN3C	.015	575	RHN79G			1232	RTN79WYP	.015
				801	N3C						540	RTN79G	
6LEG	1224	RL85G	.015	874	RL82C	.015	551	RHL79G			556	RTL85G	.015
				811	L82C								
6PG, 12PG	233	RM82WPCC	.012	519	RM77N	.015	236	RHM78WPCC	234	RHM78N	223	RTM77PP	.015
	217	RM77PP		529	D14N		222	RHM78PP			1201	RTM78N	
6SEG, 8SEG, 12SEG	530	RN79G	.015				575	RHN79G			1232	RTN79WYP	.015
											540	RTN79G	
6SETCWG				685	S59YC	.015							
6SETCWG MinNox	530	RN79G	.015				575	RHN79G			1232	RTN79WYP	.015
											540	RTN79G	
DRESSER CLARK													
BA, HBA, HMA, HLA, HRA, MA	1207	RW80PP	.012	545	W85N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P											
RA, TRA, TLA, TCV	1207	RW80PP	.012	545	W85N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P											
Supercharged & Turbocharged													
HBAT, HLAT, HRAT, TRA, TLA	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
TCVB, TCVC, TVM, VMC	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
TLAB, TLAC, TLAD, TPV, TCVA	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
TVC, HSRA, RAS, TMB	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
DRESSER RAND													
KVG Pulse Chamber Type	1207	RW80PP	.012	559	RW83F	.012	1204	RHW80PP	544	HW83F	645	RTW83F	.012
	582	RW82P											
KVSR, KVSRA, KVSE, KVFS, PKVSE	228	RW77PP	.012	565	RW77N	.012			635	RHW78N	552	RGC77N	.012
				631	RW78N								
TCV, TCVA, TCVD, TLAD	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
DRESSER Waukesha													
See Waukesha													
ECHO													
KEH202D, SV2 (Kioritz)				840	RCJ8	.025							
				843	CJ8								
ENTERPRISE													
GSG-36, 38; GSM-36, 38	226	RB76PP	.012	576	RB76N	.012			624	RHB81N	235	RTB77WPCC	.012
GSM-36, 38 Unshielded 18mm Heads	226	RB76PP	.012	576	RB76N	.012			624	RHB81N	235	RTB77WPCC	.012
GSM-36, 38 Unshielded 7/8"-18 Heads	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
HV-8, HV-12, HV-16	228	RW77PP	.012	206	RW77N	.015	1204	RHW80PP	577	RHW77N	552	RGC77N	.015
				539	W77N								
TDSG-36-6-38 Center of Head	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
TDSG-36-6-38 Rear Side Of Head	226	RB76PP	.012	576	RB76N	.012			624	RHB81N	235	RTB77WPCC	.012
FAIRBANKS MORSE													
38D8-1/8 Series	233	RM82WPCC	.012	571	RM79F	.015	236	RHM78WPCC	234	RHM78N	223	RTM77PP	.012
	217	RM77PP					222	RHM78PP			1201	RTM78N	
38DS8-1/8, 38F-85, 38FS5-1/4	226	RB76PP	.012	576	RB76N	.012			624	RHB81N	235	RTB77WPCC	.012
FM-7, FM-12, FM-18, FM-24, FM-36				589	W89D	.025							
ZC, ZC118, ZC208, ZC346				589	W89D	.025							
ZC346, ZC503, ZC739				589	W89D	.025							
FICHTEL-SACHS (See Sachs)													
FORD													
104 cid				322	RN11YC4	.035							
				302	N11YC								



MAKE YEAR and MODEL	PREMIUM LONG LIFE			COPPER PLUS UNSHIELDED			PREMIUM SHIELDED 3/4"-20		SHIELDED 3/4"-20		INTEGRAL COIL TYPE 13/16"-20		
	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	GAP	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	STOCK NO.	PLUG TYPE	GAP
LISTER PETER													
Alpha Series LPWG2, 3 & 4 HR2G, HR3G				344	RC9YC	.200							
				506	D6	.015							
				625	D78Y								
LORAIN													
30, 37, 40, 50				516	D16	.025							
				555	UD16								
A, L, O, R 7/8"-18 Heads	1207	RW80PP	.012	545	W85N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P											
LUFKIN													
GSC				513	C97B	.025							
				513	C97B								
H1770, H2165 Normal Service	1207	RW80PP	.012	545	W85N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P											
H1770, H2165 Severe Service	1207	RW80PP	.012	553	RW80N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P		580	W80N								
H795 Severe Service	1207	RW80PP	.012	545	W85N	.012	1204	RHW80PP	532	RHW80N	638	RTW80N	.012
	582	RW82P											
HT333, HC333, H795, GSD, GSDH	1207	RW80PP	.012	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015
	582	RW82P		545	W85N								
L333, L795, L1770, L2165, F280				589	W89D	.025							
M.E.P. INDUSTRIES													
M.E.P.-6, -8, -10, -12	233	RM82WPCC	.012	519	RM77N	.015	236	RHM78WPCC	234	RHM78N	223	RTM77PP	.015
	217	RM77PP		566	M82N		222	RHM78PP	583	RHM83N	1201	RTM78N	
MAN NUTZFAHRZEUGE													
E 0824 - E 301, E 302	530	RN79G	.012										
E 0826 - E 301, E 302	530	RN79G	.012										
E 0834	1206	RC78WP	.012	1209	RC78YCC15	.012							
	218	RC78PYP											
E 0836	1206	RC78WP	.012	1209	RC78YCC15	.012							
	218	RC78PYP											
E 2482, E 2842 E & LE	530	RN79G	.012										
E 2843 LN	530	RN79G	.012										
E 2866 DUH03	642	RN79G	.200										
	642	RN79G											
E 2866 LUH01	530	RN79G	.012										
E 2876	530	RN79G	.012										
MAYTAG													
Washing Machines													
14mm Heads				592	RJ12C	.030							
				511	J11C								
'Multi-Motor' 1/2"-14 Pipe Heads				525	25	.025							
McCULLOCH													
All Other Models				871	RJ8C	.030							
				841	J8C								
Models 77, 99				102	RJ6C	.030							
				823	J6C								
MINNEAPOLIS - MOLINE													
GASOLINE													
High-Compression													
165-4A, 185-4A, 206-4A				871	RJ8C	.025							
				841	J8C								
403-4A, 605-6A, 1918-4A, 2714-6A	1207	RW80PP	.012	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015
	582	RW82P		545	W85N								
BEU, DU, FEU, GU, GUA, HU	1207	RW80PP	.012	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015
	582	RW82P		545	W85N								
CU, KEU, JU, 283-4A, 4256A 18mm Hds.				509	D9	.025							
CU, KEU, JU, 283-4A, 4256A 7/8"-18 Hds.	1207	RW80PP	.012	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015
	582	RW82P		545	W85N								
LU, MEU, NEU, SEU, TAU, TEU	1207	RW80PP	.012	510	W10	.015	1204	RHW80PP	532	RHW80N	638	RTW80N	.015
	582	RW82P		545	W85N								
Low-Compression													



STK. NO.	PLUG TYPE	AVAIL. GAP	PACK QTY.	REACH INCHES	HEX INCHES	TERMINAL THREAD NUT	REPL. GASKET	STK. NO.	PLUG TYPE	AVAIL. GAP	PACK QTY.	REACH INCHES	HEX INCHES	TERMINAL THREAD NUT	REPL. GASKET
18mm THREAD DIAMETER								7 / 8" - 18 THREAD DIAMETER							
571	RM79F	.015	8	.500	7/8	BN-9A	A-678	580	W80N	.013	8	.600	15/16	BN-9A	A-478
572	XED14	.025	8	.531	7/8	SHIELDED	A-678	582	RW82P	.012	8	.625	15/16	BN-9A	A-478
576	RB76N	.012	8	.802	7/8	BN-9A	A-678	589	W89D	.025	8	.625	15/16	NA-9E	A-478
583	RHM83N	.015	8	.531	7/8	SHIELDED	A-678	595	C95F	.020	8	.625	11/8	NA-9E	A-478
585	RHM85G	.015	1	.500	7/8	SHIELDED	A-678	623	RGC80F	.013	1	.625	11/8	NONE	A-478
586	RGM86N	.013	1	.500	7/8	NONE	A-678	631	RW78N	.012	4	.860	15/16	BN-9A	A-478
591	RM85G	.013	8	.500	7/8	BN-9A	A-678	635	RHW78N	.012	4	.860	1	SHIELDED	A-478
593	RD18Y	.035	6	.500	7/8	NONE	A-678	638	RTW80N	.012	1	.625	1	BN-9A	A-478
596	RHM77N	.015	8	.531	7/8	SHIELDED	A-678	645	RTW83F	.012	1	.625	1	BN-9A	A-478
597	K97F	.020	8	.688	1	ZN-9A	A-678								
624	RHB81N	.012	8	.813	7/8	SHIELDED	A-678								
625	D78Y	.015	8	.500	7/8	ZN-9A	A-678								
630	M82N	.012	8	.531	7/8	BN-9A	A-678								
634	RB77WPC	.012	4	.813	7/8	NONE	A-678								
636	RB77WPC	.012	4	.813	7/8	NONE	A-678								
639	RHM83N	.025	8	.531	7/8	SHIELDED	A-678								
640	RM77N	.012	8	.531	7/8	BN-9A	A-678								
641	RM77N	.020	8	.531	7/8	BN-9A	A-678								
643	RB75N	.012	4	.802	7/8	NONE	A-678								
646	RTB80N	.012	8	.813	7/8	BN-9A	A-678								
647	M76R	.016	8	.500	7/8	ZN-9A	M-674								
649	XMD15	.025	8	.531	7/8	SHIELDED	A-678								
91	H14Y	.035	4	.438	13/16	NONE	A-678								
7 / 8" - 18 THREAD DIAMETER															
1204	RHW80PP	.012	8	.625	1	SHIELDED	A-478								
1207	RW80PP	.012	8	.625	15/16	BN-9A	A-478								
200	RW80N	.015	4	.625	1	BN-9A	A-478								
201	W77N	.012	8	1.000	15/16	BN-9A	A-478								
202	W80N	.020	8	.600	15/16	BN-9A	A-478								
203	W85N	.020	8	.600	15/16	BN-9A	A-478								
206	RW77N	.015	4	1.000	1	BN-9A	A-478								
228	RW77PP	.012	4	1.000	15/16	BN-9A	A-478								
510	W10	.025	8	.625	15/16	BN-9A	A-478								
513	C97B	.025	8	1.250	11/8	A-146	A-478								
518	W18	.025	8	.750	15/16	NA-9E	A-478								
520	W20	.025	8	.625	15/16	BN-9A	A-478								
532	RHW80N	.013	4	.625	1	SHIELDED	A-478								
534	REW80N	.012	8	.600	15/16	SHIELDED	A-478								
539	W77N	.015	8	1.000	15/16	BN-9A	A-478								
544	HW83F	.012	1	.625	1	SHIELDED	A-478								
545	W85N	.013	8	.600	15/16	BN-9A	A-478								
552	RGC77N	.012	1	1.000	1	NONE	A-478								
553	RW80N	.012	4	.625	1	BN-9A	A-478								
559	RW83F	.012	8	.625	1	BN-9A	A-478								
561	W16Y	.025	8	.625	15/16	BN-9A	A-478								
562	W95D	.040	8	.625	15/16	A-146	A-478								
565	RW77N	.012	4	1.000	1	BN-9A	A-478								
569	W14	.030	8	.625	15/16	BN-9A	A-478								
577	RHW77N	.015	4	1.000	1	SHIELDED	A-478								
578	REW82P	.012	8	.625	1	SHIELDED	A-478								
579	RHW79N	.012	4	.625	1	SHIELDED	A-478								



HEAT RANGE CHART

Heat Range	Thread Reach (inches)	Hex Size (inches)	STANDARD			INTERGRAL COIL			SHIELDED		
			Copper Plus	Precious Metal	Precious Metal Long Life	13/16" External Thread	13/16" External Thread Precious Metal	1" Internal Threads	5/8" - 24	3/4" - 20	3/4" - 20 Precious Metal
14mm THREAD DIAMETER											
4	3/8"	13/16"				TJ83					
3	1/2"	5/8"		RX85PYP							
6	1/2"	13/16"							REL89G*		
4	1/2"	13/16"	RL15B	RL85G					REL88B*		
4	1/2"	13/16"					RTL85G				
3	1/2"	7/8"								RHL79G*	
3	3/4"	5/8"		RC78PYP							
2	3/4"	5/8"	RC78YCC15	RC78PYP15 RC78PYP17 RC78PYP21 RC78PYP25	RC78WP RC78WYP11 RC78WYP15						
2	3/4"	13/16"		RN79G RN79G1	RN79PYP17 RN79PYP25					RHN79G*	
2	3/4"	15/16"					RTN79G RTN79WYP15				
18mm THREAD DIAMETER											
7	1/2"	7/8"	D89D						ED89D*		
6	1/2"	7/8"	D14N								
5	1/2"	7/8"		RM85G							RHM85G*
5	1/2"	7/8"	D78Y								
4	1/2"	7/8"	M82N		RM82WPCC		RTM82WPCC		REM84P*	RHM83N*	
3	1/2"	7/8"	RM79F				RTM79				
3	1/2"	7/8"	RM77N	RM77PP			RTM77N RTM78N	RTM77PP	RGM86N	REM77N*	RHM77N* RHM78N* RHM78WPCC* RHM78PP*
7	0.691"	1"	K97F								
1	13/16"	13/16"			RB75WPCC						
5	13/16"	7/8"	B86N								
1	13/16"	7/8"					RTB78N RTB80N				RHB81N*
1	13/16"	7/8"	RB77CC RB77N KB75N RB75N	RB75PP	FB77WPCC KB77WPCC RB77WPCC RB77WPC			RTB77WPCC			
1	13/16"	7/8"	RB76N	RB76PP							
7/8" - 18mm THREAD DIAMETER											
7	5/8"	15/16"	W95D W89D								
7	5/8"	15/16"	W20								
6	5/8"	15/16"	W16Y W14 W10								
5	5/8"	15/16"	W85N	RW82P							
3	5/8"	15/16"	W80N RW80N	RW80PP							
4	5/8"	1"								REW82P*	
3	5/8"	1"	RW83F				RTW83F RTW80N			REW80N*	RHW80N* RHW79N* HW83F* RHW80PP*
7	5/8"	1 1/8"	C95F								
3	5/8"	1 1/8"							RGC80F		
7	3/4"	15/16"	W18								
3	.860"	1"	RW78N								RHW78N*
3	1"	1"	W77N RW77N		RW77PP						RHW77N*
3	1"	1 1/8"							RGC77N		
7	1 1/4"	1 1/8"	C97B								
1 1/8" - 12mm THREAD DIAMETER											
3	0.595	1	RS79N								

HEAT RANGE (IMEP)		IMEP established per SAE J549						
COLD	1	2	3	4	5	6	7	HOT
		400+	350-400	300-350	250-300	200-250	150-200	

* 1" shielded spark plug depth.
• 2" shielded spark plug depth



CAUTION. DO NOT USE THIS CHART

UNLESS YOU ARE UNABLE TO FIND YOUR VEHICLE OR EQUIPMENT LISTED IN THE APPLICATION SECTIONS OF THIS CATALOG.

A/C Delco To Champion

A/C Delco	Champion	A/C Delco	Champion	A/C Delco	Champion	A/C Delco	Champion	A/C Delco	Champion
373	D9 / 509	WR43LR	RML12 / 612	C77L	W18 / 518	C77	W16Y / 561	C75	W14 / 569
C73	W10 / 510	800LY	B86N / 542	78S	W20 / 520	701Y	W85N / 545	700YX	W80N / 580
700Y	W80N / 580	43LS	H14Y / 91	18A	D89D / 543	C83	D9 / 509	404	RL85G / 1224
C85S	RD15Y / 526	373	D6 / 506	26	25 / 525	18	W89D / 589	17	W95D / 562
16	K97F / 597	14	K97F / 597	WR87	XMD21 / 521	WR86	XMD21 / 521	WR84	XMD15 / 649
WR47	XMJ14 / 588	WR46	XMJ17 / 517	WR44LS	XML15Y / 633	WR44	XMJ14 / 588	16L	K97F / 597
S82F	D9 / 509	WR43L	XML12 / 603	WR43	XMJ14 / 588	SR86E	XED16 / 563	SR84E	XED14 / 572
SR47XL	XEN14 / 614	SR47LE	REL88B / 610	SR47E	XEJ12 / 567	SR46E	XEJ12 / 567	SR45LE	REL88B / 610
SR44E	XEJ8 / 557	SR43LE	REL88B / 610	SR43E	XEJ8 / 557	C81	D14N / 529	S83F	D9 / 509
C82	D9 / 509	R800	RM77N / 519	G59	25 / 525	G56	25 / 525	G54	C95F / 595
G53	C95F / 595	CR83	D9 / 509	CR82	D9 / 509	C88L	D23 / 523	C88	D21 / 502
C87	D16 / 516	C86S	D18Y / 549	C86	D14N / 529	C86	D14 / 514	S85F	D14 / 514
C85	D14 / 514								

Allis-Chalmers To Champion

Allis-Chalmers	Champion	Allis-Chalmers	Champion	Allis-Chalmers	Champion	Allis-Chalmers	Champion	Allis-Chalmers	Champion
74905796	N5C / 120	79001652	J6C / 823	79001651	N5C / 120	74905800	D16 / 516	74905798	N5C / 120
4907335	J8C / 841	4905800	D16 / 516	4905797	N5C / 120				

Autolite To Champion

Autolite	Champion	Autolite	Champion	Autolite	Champion	Autolite	Champion	Autolite	Champion
2222	XED14 / 572	373	D9 / 509	2247	XMJ20 / 573	2246	XEJ12 / 567	2245	XMJ17 / 517
2244	XEJ8 / 557	2243	XMJ14 / 588	2242	XEJ8 / 557	2227	XMD21 / 521	2226	XMD21 / 521
2225	XED16 / 563	2285	REL88B / 610	2223	XMD15 / 649	2304	XMN12 / 616	436	H14Y / 91
398	N21 / 504	388	D21 / 502	386	RD16 / 541	379	D89D / 543	378	D23 / 523
377	D21 / 502	376	D16 / 516	375	D14 / 514	374	D9 / 509	2224	XMD21 / 521
2696	D9 / 509	3116	D18Y / 549	3095	25 / 525	3077	W89D / 589	3076	W14 / 569
3075	W14 / 569	3074	W10 / 510	3035	UD16 / 555	2832	D6 / 506	2775	D16 / 516
2773	D9 / 509	2248	XEJ12 / 567	2697	D14 / 514	372	D6 / 506	2695	D6 / 506
2693	D6 / 506	2384	XML12 / 603	2384	XML15Y / 633	2344	RML12 / 612	2327	REL88B / 610
2326	REL88B / 610	2325	REL88B / 610	2307	XEN14 / 614	2305	XMN12 / 616	2772	D9 / 509

BERU To Champion

BERU	Champion	BERU	Champion	BERU	Champion	BERU	Champion	BERU	Champion
18GZ7	RB76N / 576	143CPU	RN79G / 530	14R4ADP	RL85G / 1224	14R4CDP	RN79G / 530	14R4DP	RL85G / 1224
18GZ577	RB75WPCC / 242	18GZ677	RB77WPC / 636						

BG To Champion

BG	Champion	BG	Champion	BG	Champion	BG	Champion	BG	Champion
RB485S	RHM85G / 585	RB485SA	RHM85G / 585	RB590	RL85G / 1224	RB590S	REL89G / 522	RB792S	RHL79G / 551
RB842S	RHW80N / 531	RB485S	REM84P / 503	RB959SA	RHM77N / 596	RB212	RW82P / 582	RB959S	RHM77N / 596
RB485	RM85G / 591	RB442SAW	RHM83N / 583	RB993R	RN79G / 530	RB312S	REW82P / 578	RB442SW	RHM83N / 583
RB126SD	RHW77N / 577	RB1141	RW77N / 565	RB106	RS79N / 598	BG883T	RF10C / 129	RB312S	ED89D / 505
RB412	RW82P / 582								

Bosch To Champion

Bosch	Champion	Bosch	Champion	Bosch	Champion	Bosch	Champion	Bosch	Champion
M4A2	D6 / 506	M8AC0	D9 / 509	M8A0	D9 / 509	M8A	D9 / 509	M7AC	D6 / 506
M7A	D6 / 506	M5AS	D6 / 506	M5AC	D6 / 506	W10C	N21 / 504	M4AC	D6 / 506
M10A0	D14 / 514	M4A1	D6 / 506	M12A	D16 / 516	M10AC0	D14 / 514	M10A	D14 / 514
60999S	RB77WPCC / 634	7311	RN79G / 642	M5A	D6 / 506	7306	KB77WPCC / 229	WR3CPP33	RN79G / 642
MR3DPP330	FB77WPCC / 1230	MR3DPP330	KB77WPCC / 229	MR3BPP330	RM77PP / 217	MR3DPP33	RB75PP / 225	FR3KI1332	RC78WYP15 / 1221
7307	RB75WPCC / 242	WR7CE+	RN5C / 123	7306	RB77WPCC / 634	7303	RM77PP / 217	7302	RB75PP / 225
60999Z	RB77CC / 237								

Case To Champion

Case	Champion	Case	Champion	Case	Champion	Case	Champion	Case	Champion
AO5999AB	J8C / 841	O5999B	J8C / 841	TG44840	D16 / 516	TM20007	H10C / 844	TM20699	L86C / 306

Caterpillar To Champion

Caterpillar	Champion	Caterpillar	Champion	Caterpillar	Champion	Caterpillar	Champion	Caterpillar	Champion
9B0444	J6C / 823	3B6583	H10C / 844	2A3643	D16 / 516	2B9548	W14 / 569	2W9486	N9YC / 300
1948518	KB77WPCC / 229	8F6347	CJ8 / 843	2848313	KB77WPCC / 229	9M4141	J12YC / 10	23643	D16 / 516
9M4142	J12YC / 10								