



# NATIONAL SW-3 SERIES 60 COILS

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COIL		WINDING	WIRE SIZE		TURNS	TOTAL NO. OF TURNS	TURNS PER INCH
No. 60 9-15 METERS	SEC	16	ENAMEL			2 5/6	5
	PRI	24	ENAMEL			2 5/6	5
	TICK	32	DBL SILK	*		1 5/6	5
No. 61 13.5-25 METERS	SEC	16	ENAMEL			6 1/4	5
	PRI	24	ENAMEL			5 5/6	5
	TICK	32	DBL SILK			2 1/6	5
No. 62 23-41 METERS	SEC	18	ENAMEL			11 5/6	8
	PRI	24	ENAMEL			9 5/6	8
	TICK	32	DBL SILK			2 1/6	8
No. 63 40-70 METERS	SEC	18	ENAMEL			19 5/6	14
	PRI	34	DBL SILK			12 5/6	14
	TICK	32	DBL SILK			2	14
No. 64 65-115 METERS	SEC	24	ENAMEL			34 5/6	24
	PRI	34	DBL CTN			21 5/6	24
	TICK	32	DBL SILK			3 1/6	24
No. 65 115-200 METERS	SEC	28	ENAMEL			62 5/6	40
	PRI	32	DBL SILK			38 5/6	40
	TICK	32	DBL SILK			4	40
No. 66 200-360 METERS	SEC DET	32	DBL SILK			98 5/6	CLOSE WOUND ↓
	SEC RF	32	DBL SILK			102 5/6	
	PRI DET	32	DBL SILK	10 5/6		47 5/6	
	PRI RF	32	DBL SILK			47 5/6	
	TICK	32	DBL SILK			6	

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COIL		WINDING	WIRE	SIZE	TAP	TOTAL NO. OF TURNS	TURNS PER INCH
No. 67		SEC DET	32	ENAMEL		166 <sup>5</sup> / <sub>6</sub>	CLOSE
360-550	METERS	SEC RF	32	ENAMEL		171 <sup>5</sup> / <sub>6</sub>	WOUND
		PRI DET	32	ENAMEL	15 <sup>5</sup> / <sub>6</sub>	82 <sup>5</sup> / <sub>6</sub>	↓
		PRI RF	32	ENAMEL		82 <sup>5</sup> / <sub>6</sub>	↓
		TICK	32	DBL SILK		8	↓
No. 68		SEC	36	ENAMEL		270 <sup>5</sup> / <sub>6</sub>	CLOSE
500-850	METERS	PRI	32	DBL SILK		36 <sup>5</sup> / <sub>6</sub>	WOUND
		TICK	34	DBL SILK		18	↓
No. 60-A		SEC	20	ENAMEL	1	4 <sup>1</sup> / <sub>2</sub>	5
10	METERS	PRI	24	ENAMEL		2 <sup>5</sup> / <sub>6</sub>	5
		TICK DET	32	DBL SILK		1 <sup>3</sup> / <sub>4</sub>	5
		TICK RF	32	DBL SILK		2 <sup>1</sup> / <sub>6</sub>	5
No. 61-A		SEC	24	ENAMEL	2 <sup>1</sup> / <sub>3</sub>	9 <sup>5</sup> / <sub>6</sub>	8
20	METERS	PRI	34	DBL SILK		7 <sup>5</sup> / <sub>6</sub>	8
		TICK DET	32	DBL SILK		2	8
		TICK RF	32	DBL SILK		3	8
No. 63-A		SEC	24	ENAMEL	5 <sup>5</sup> / <sub>6</sub>	20 <sup>5</sup> / <sub>6</sub>	14
40	METERS	PRI	34	DBL SILK		15 <sup>5</sup> / <sub>6</sub>	14
		TICK DET	32	DBL SILK		3	14
		TICK RF	32	DBL SILK		4	14
No. 64-A		SEC	24	ENAMEL	16 <sup>5</sup> / <sub>6</sub>	34 <sup>5</sup> / <sub>6</sub>	24
80	METERS	PRI	34	DBL SILK		21 <sup>5</sup> / <sub>6</sub>	24
		TICK DET	32	DBL SILK		3	24
		TICK RF	32	DBL SILK		4	24

COIL		WINDING	WIRE	SIZE	TAP	TOTAL NO. OF TURNS	TURNS PER INCH
No. 65A		SEC	28	ENAMEL	38 <sup>5</sup> / <sub>6</sub>	62 <sup>5</sup> / <sub>6</sub>	40
160 METERS		PR1 DET	32	DBL SILK		25 <sup>5</sup> / <sub>6</sub>	40
		TICK DET	32	DBL SILK		4	40
		TICK RF	32	DBL SILK		5	40
* TICKLER SHOULD BE 1/8" FROM START OF PRIMARY							
DBL SILK = DOUBLE SILK							
DBL CTN = DOUBLE COTTON							
30 METERS		SEC	30	ENAMEL	1 <sup>5</sup> / <sub>6</sub>	10 <sup>5</sup> / <sub>6</sub>	SPACE COIL 1 INCH LONG
		PR1	30	ENAMEL		8 <sup>5</sup> / <sub>6</sub> *	<del>SPACE COIL 1 INCH LONG</del> *
		TICK DET	30	ENAMEL		3 <sup>1</sup> / <sub>6</sub>	
		TICK RF	30	ENAMEL		2 <sup>5</sup> / <sub>6</sub>	
* 33.1 pf across RF primary to bring trimmer into range							
* Interwound in secondary							

# COILS

FOR  
NATIONAL SW-3

THIS PAGE  
REVISED  
8-7-91

COIL NO.	APPROXIMATE FREQ. RANGE			APPROXIMATE WAVELENGTH		BANDSPREAD COILS	
				(METERS)		(COIL)	(METERS)
72	40	160	KHZ	3000	2000		
71	150	220	KHZ	2000	1500		
70	190	280	KHZ	1500	1200		
69	250	390	KHZ	1200	850		
68	320	650	KHZ	850	500		
67	500	900	KHZ	550	350		
66	690	1500	KHZ	360	200		
65	1.5	2.7	MHZ	200	115	65-A	160
64	2.5	4.5	MHZ	115	65	64-A	80
63	4.2	8.0	MHZ	70	40	63-A	40
62	7.0	12.0	MHZ	41	23		
61	12.0	21.0	MHZ	25	13.5	61-A	20
60	19.0	35.0	MHZ	15	9	60-A	10

