

# Camwil Inc.

11821 WEST PICO BOULEVARD  
LOS ANGELES, CALIFORNIA 90064  
Phone 473-9648

1 July 1965

PRICE LIST  
for  
SPECIAL TYPING ELEMENTS

1. Spot changes: \$34.00, one change, one element  
12.00 each additional change to same element

Delivery depends on specific requirements and varies from one to three weeks.

2. Molded elements: \$200.00, basic setup charge  
25.00 each standard character located in other than normal position  
35.00 each element produced

The first two charges are non-recurring for any given set of specifications.

Delivery, six to eight weeks for first element.

Note: There is a one-time art work charge of \$50.00 for any special character, i.e., company logo, proprietary symbols, etc.

Extra charges may also be imposed for character placement which creates special problems in achieving satisfactory typing performance.

Prices are subject to change without notice.

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Phone 473-9648

July 1, 1965

## Price List - Stock Molded Typewriter Elements

<u>PART NUMBER</u>	<u>PRICE</u>	<u>PART NUMBER</u>	<u>PRICE</u>
1-M	\$35.00	41-M	\$35.00
2-M	35.00	51-M	35.00
8-M	35.00	55-M	60.00
9-M	35.00	58-M	35.00
11-M	35.00	62-M	35.00
12-M	35.00	67-M	60.00
18-M	36.00	80-M	35.00
25-M	35.00	102-M	40.00
26-M	35.00	107-M	35.00
27-M	35.00	111-M	35.00
28-M	35.00	120-M	60.00
29-M	35.00	122-M	35.00
32-M	35.00	127-M	35.00
33-M	35.00	128-M	35.00
34-M	35.00	137-M	35.00
38-M	35.00		

Prices subject to change without notice.

# Camwil Inc.

11821 Pico Boulevard  
Los Angeles, California

The following are some of the special elements available from Camwil Inc.:

## 18-M, Library

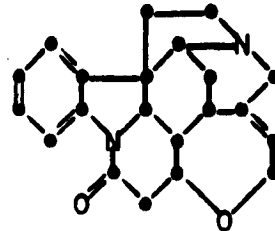
'+~()ç&§() +	`234567890--
QWERTYUIOP <sup>o</sup>	qwertyuiopł
ASDFGHJKL:"	asdfghjkl:'
ZXCVBNM^~?	zxcvbnm,./

## 67-M, Chemical

///  ● —=\\(	1234567890+)
QWERTYUIOPO	qwertyuiop-
ASDFGHJKL:•	asdfghjkl<>
ZXCVBNM*~^	zxcvbnm,•®

## 33-M, Double case BCD

'@#\$=φ?*( )<>	1234567890Δ+
QWERTYUIOP"	qwertyuiop-
ASDFGHJKL;_	asdfghjkl&%
ZXCVBNM,.: :	zxcvbnm,./



## 38-M, BCD with PICA numerals

■■■: @√>■■■bç_	1234567890*#
■"π■■■=■Δ;-	QWERTYUIOP-
■(ξ<■■■■■ε■	ASDFGHJKL&\$
■'■%■*)■~■	ZXCVBNM,./

## 107-M, Optical Scanning Font

ξh*φ%Δ&*[]→	1234567890--
QWERTYUIOP	QWERTYUIOP
ASDFGHJKL:∇	ASDFGHJKL;'
ZXCVBNM,.? :	ZXCVBNM,./

## 55-M, Russian (Cyrillic)

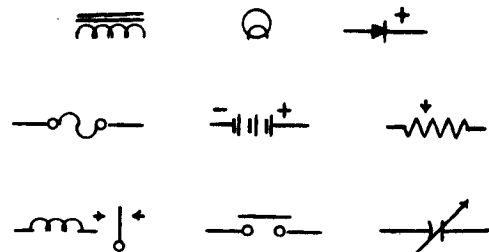
124567890ЦЭ?!	§-"%:•№,цэ()
ЙУКЕНГШЩЗХ;	Йукенгшщзх_
Ф*ВАПРОЛДЖ/	фывапролджь
ЯЧСМИТЬЕЮ	ячсмитьею'

## 120-M, Electronic

! ○●⊕+	1234567890▶◀
QWERTYUIOP <sup>∇</sup>	—+↑+←+↔+↗
ASDFGHJKL√	→↘↙↖↗↘↙↖
ZXCVBNM.○	—~ μf~

## 102-M, International Language (Types 88 languages)

iž"~£,β§() •	`234567890ø-æ
QWERTYUIOP <sup>~</sup>	qwertyuiop'
ASDFGHJKL~"	asdfghjkl:'
ZXCVBNM^~? :	zxcvbnm,./



## 122-M, Klerer-May

φαωσπθβε () +	1234567890--
QWERTYUIOPη	>ertyuiλδρ
ASDFGHJKL} {	τμδν<xjκθγΔ
ZXCVBNM~^?	zx≤v n≥,./

**Camwil Inc.**\_\_\_\_\_

11821 Pico Boulevard  
Los Angeles 64, California



CHARACTER CHANGES FOR IBM

SELECTRIC TYPEWRITER ELEMENTS . . . . .

Camwil Inc. offers two methods for the modification of IBM Selectric elements:

1. Spot changes - Recommended for a minimum quantity of changes and elements. This service is performed on an IBM element and consists of the installation of specific characters molded by Camwil to customer requirements. A metallic coating is applied by the Camwil Metahese process to form a tough, long wearing surface bond over the entire element. The replacement characters are guaranteed for the life of the element.
2. Molded elements - Economically preferable for requirements involving numerous changes and/or large quantities of elements. New spheres are prepared with any required assortment of characters molded in. The elements are molded of a shatter-proof plastic and coated by the Metahese process to provide a durable, attractive finish.

Characters and elements produced by Camwil provide clear, accurate print and are guaranteed to give satisfactory service.

For price and delivery quotations, please contact:

CAMWIL INC.  
11821 Pico Boulevard  
Los Angeles 64, California

Phone: 213 GRanite 39648

# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
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## TYPE HEAD SPECIFICATION

CAMWIL P/N 1-M ©

Type Style Manifold

CODE BCD

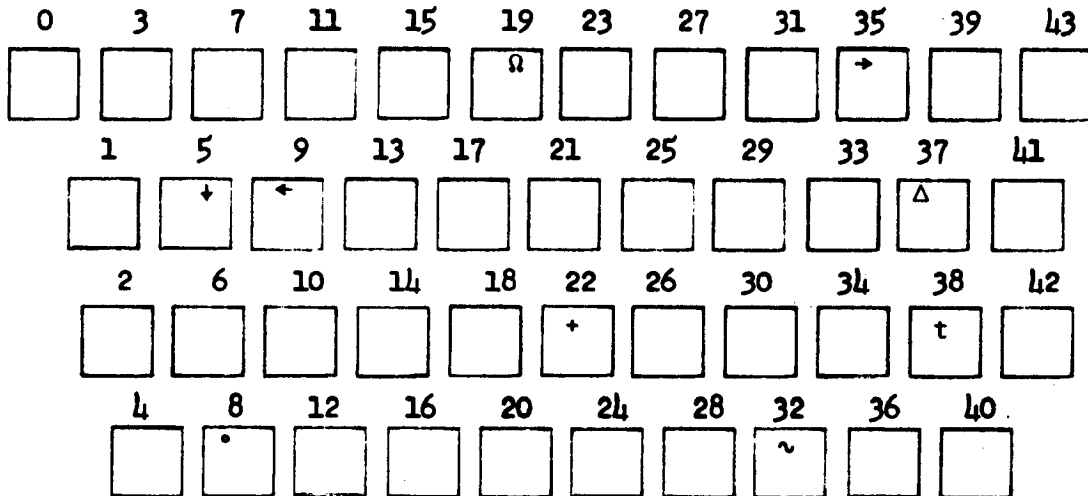


Tilt	Upper Case										Lower Case											
0	■	■	@	>	■	→	■	:	Ω	■	¢	1	3	5	7	8	ø	2	4	6	9	‡
1	■	■	%	•	■	_	■	=	↓	■	~	/	T	V	X	Y	#	S	U	W	Z	,
2	■	■	*	↑	■	-	■	)	Δ	■	■	J	L	N	P	Q	!	K	M	O	R	\$
3	■	■	←	<	+	t	■	(	‡	■	~	A	C	E	G	H	?	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

■■■: @Ω> ■■→¢\_  
 ■↓←■■■=■Δ↑-  
 ■■(‡<+■■■t■  
 ■•■%■\*~■

123456789ø‡#  
 QWERTYUIOP!  
 ASDFGHJKL? \$  
 ZXCVBNM,./

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 2-M ©

Type Style Gothic

CODE BCD

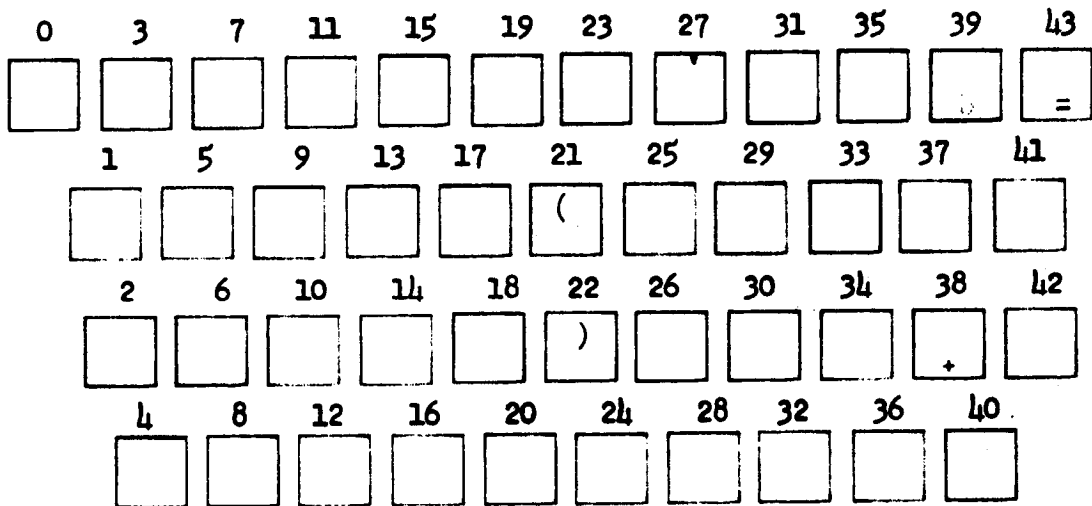


Tilt	Upper Case										Lower Case											
0	■	■	■	■	'	>	■	■	■	:	√	1	3	5	7	8	0	2	4	6	9	=
1	■	■	■	‡	(	\	■	■	■	~	#	/	T	V	X	Y	6	S	U	W	Z	,
2	■	■	■	!	*	;	■	■	■	]	Δ	J	L	N	P	O	-	K	M	O	R	\$
3	■	■	■	?	)	<	■	■	■	[	‡	A	C	E	G	H	+	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

■■■■■■':>√  
 \*■■]!( [!;  
 ■■■?)■■<Δ  
 ~‡■■■■#‡■

12345678906=  
 QWERTYUIOP-  
 ASDFGHJKL+\$  
 ZXCVBNM,./

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
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 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 8-M ©

TYPE STYLE Advocate

CODE Standard



TILT	UPPER CASE										LOWER CASE											
	±	#	ε	*	?	Z	≤	%	<	(	*	1	3	7	8	4	z	2	5	6	9	8
0	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	h	b
1	M	V	R	A	O	θ	Δ	≥	I	S	W	m	v	r	a	o	φ	.	'	i	s	w
2	G	F	:	,	≠	J	+	P	Q	Y	≈	g	f	;	>	/	j	=	p	q	y	-
3	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

±≤#?%<ε\*( )≈+  
 QWERTYUIOPθ  
 ASDFGHJKL:≥  
 ZXCVBNM,Δ≠

1234567890-=  
 qwertyuiopφ  
 asdfghjkl;'  
 zxcvbnm>./

0	3	7	11	15	19	23	27	31	35	39	43
	±				<					≈	
1	5	9	13	17	21	25	29	33	37	41	
										θ	φ
2	6	10	14	18	22	26	30	34	38	42	
											≥
4	8	12	16	20	24	28	32	36	40		
								>	Δ	≠	

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## TYPE HEAD SPECIFICATION

CAMWIL P/N 9-M ©

TYPE STYLE Advocate

CODE Standard



TILT	UPPER CASE											LOWER CASE										
0	n	u		x	[	Z	≤	]	<	)	(	1	3	7	8	4	z	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	g	b
2	M	V	R	A	O	{	→	≥	I	S	W	m	v	r	a	o	}	.	8	i	s	w
3	G	F	:	,	≠	J	+	P	Q	Y	↑	g	f	;	>	/	j	=	p	q	y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

n ≤ u [ | x ( ) † +  
 QWERTYUIOP {  
 ASDFGHJKL : ≥  
 ZXCVBNM , ≠

1234567890 -=  
 qwertyuiop }  
 asdfghjkl ; 8  
 zxcvbnm > . /

0	3	7	11	15	19	23	27	31	35	39	43
n	≤	u	[	]	<		x	(	)	↑	
1	5	9	13	17	21	25	29	33	37	41	
										{	}
2	6	10	14	18	22	26	30	34	38	42	
										≥	8
4	8	12	16	20	24	28	32	36	40		
								>	→	≠	







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## TYPE HEAD SPECIFICATION

CAMWIL P/N 18-M

TYPE STYLE Elite

CODE Standard 12 Pitch



TILT	UPPER CASE											LOWER CASE										
0	'	~	&	§	(	Z	†	)	ç	)	(	`	3	7	8	4	z	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	h	b
2	M	V	R	A	O	°	~	"	I	S	W	m	v	r	a	o	ł	.	'	i	s	w
3	G	F	:	^	?	J	+	P	Q	Y	_	g	f	;	.	/	j	=	p	q	y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

°+~()ç&§()\_+  
 QWERTYUIOP°  
 ASDFGHJKL:"  
 ZXCVBNM^~?

`234567890=  
 qwertyuiopl  
 asdfghjkl;'  
 zxcvbnm,./

0	3	7	11	15	19	23	27	31	35	39	43
'	†	~	(	)	ç		§				
1	5	9	13	17	21	25	29	33	37	41	
										ł	
2	6	10	14	18	22	26	30	34	38	42	
4	8	12	16	20	24	28	32	36	40		
							^	~			

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## TYPE HEAD SPECIFICATION

CAMWIL P/N 25-M (C)

TYPE STYLE Kana (Japanese)

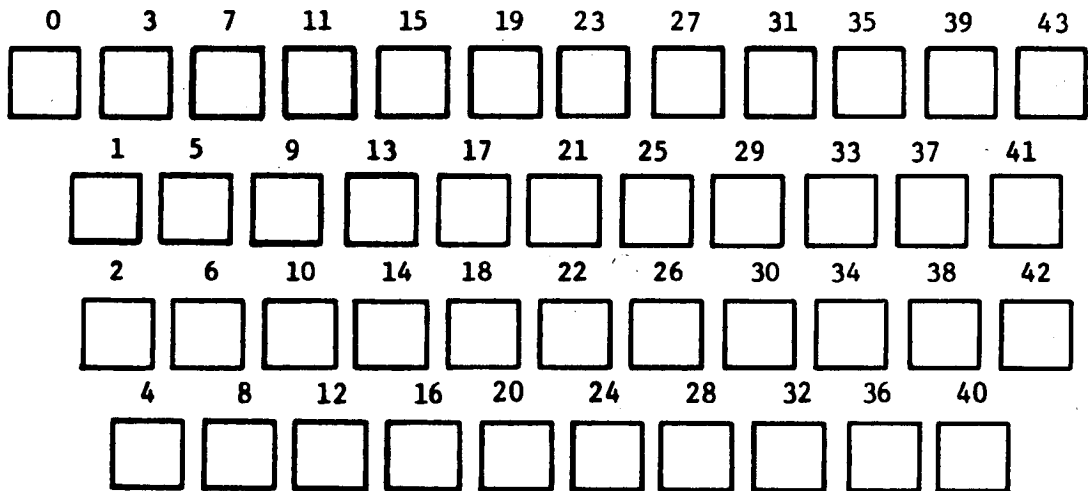
CODE Standard 12 Pitch



TILT	UPPER CASE										LOWER CASE												
0	¥	ア	カ	サ	シ	ツ	×	イ	*	@	ヨ	-	ア	カ	サ	シ	ツ	フ	ト	チ	リ	ヨ	コ
1	セ	K	3	ソ	9	B	△	#	8	6	ケ	サ	ナ	シ	ヨ	リ	カ	ミ	イ	ノ	ク	コ	
2	メ	ハ	A	1	)	.	□	,	(	2	%	モ	ヒ	ス	チ	ラ	.	ル	,	ニ	ト	テ	
3	5	4	0	ヌ	-	7	"	°	/	C	=	キ	ハ	レ	ネ	~	マ	+	"	タ	ン	ホ	
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	
ROTATE																							

¥×アウイ\*ア23@~"  
 /%#ABCK()°.°  
 1234567890,  
 ッセリハケムメヌロ~

-フアウイオア137ホ+  
 タテイスカナニラ°.  
 フトシハキクマノリレ,  
 ッサヲホコミモネル~



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## TYPE HEAD SPECIFICATION

CAMWIL P/N 26-M ©

Type Style Gothic

CODE BCD

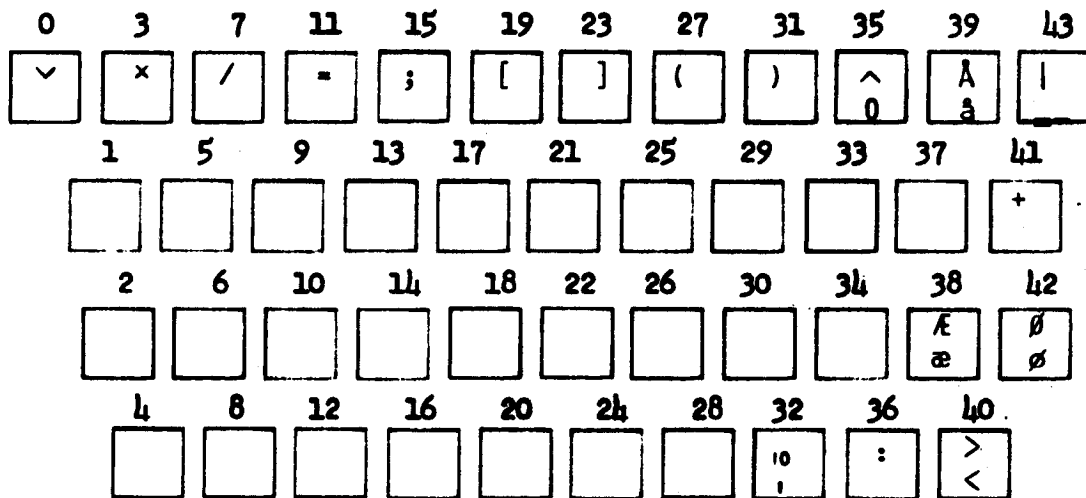


Tilt	Upper Case											Lower Case										
0	✓	/	;	]	(	^	x	=	[	)		1	3	5	7	8	0	2	4	6	9	
1	>	T	V	X	Y	Å	S	U	W	Z	<sub>10</sub>	<	t	v	x	y	å	s	u	w	z	,
2	J	L	N	P	Q	+	K	M	O	R	ø	j	l	n	p	q	-	k	m	o	r	ø
3	A	C	E	G	H	Æ	B	D	F	I	:	a	c	e	g	h	æ	b	d	f	i	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

✓x/=;[ ]( )^Å|  
QWERTYUIOP+  
ASDFGHJKLÆø  
ZXCVBNM,<sub>10</sub>:>

1234567890å\_  
qwertyuiop-  
asdfghjklæø  
zxcvbnm,.<

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 27-M ©

Type Style Manifold

CODE BCD

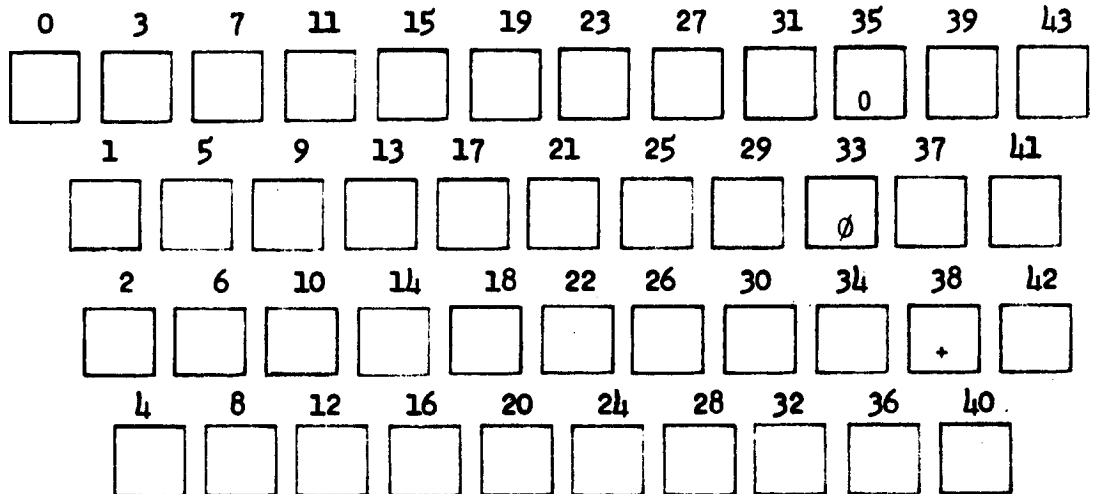


Tilt	Upper Case											Lower Case										
0	■	■	@	>	■	b	■	:	√	■	_	1	3	5	7	8	0	2	4	6	9	#
1	■	■	%	'	■	¢	■	=	"	■	■	/	T	V	X	Y	*	S	U	W	Z	,
2	■	■	*	;	■	-	■	)	Δ	■	■	J	L	N	P	Q	-	K	M	Ø	R	\$
3	■	■	¤	<	■	£	■	(	£	■	~	A	C	E	G	H	+	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

■■■: @√> ■■b¢\_  
 ■"¤■■■■=■Δ;-  
 ■■(£<■■■■£■  
 ■'■%■\*)■~■

1234567890\*#  
 QWERTYUIØP-  
 ASDFGHJKL+\$  
 ZXCVCBNM,./

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
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 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 28-M ©

TYPE STYLE Elite



TILT	UPPER CASE											LOWER CASE										
0	*		+		2			3	7	%	/	C	G	K	O		S	W				
1		=			,	)			f	.	6	B	F	J	N		R	V	Z			
2			'		l	(			&	-	5	A	E	I	M		Q	U	Y			
3	9			:	8		?		4	0	@		D	H	L		P	T	X			
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

\* 37+ /%?  
 45 ' )0=& l(  
 - 9. f,  
 6 : 8

CWG KO T  
 ZIR F XQ  
 M JD P HY  
 SBNE VALU

0	3	7	11	15	19	23	27	31	35	39	43
* C			2	3	7	+		/	%	@	?
1	5	9	13	17	21	25	29	33	37	41	
4	5	Z	' I	) R	0	= F	&	l	X	( Q	
2	6	10	14	18	22	26	30	34	38	42	
	-	J	D	9	.	P	f	,	H	Y	
4	8	12	16	20	24	28	32	36	40		
S	B	N	E	6	V	A	:	L	U	8	

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## TYPE HEAD SPECIFICATION

CAMWIL P/N 29-M ©

TYPE STYLE Elite



TILT	UPPER CASE										LOWER CASE											
0	.	-	≡	/	7	+	½	β	α	9	8	,	*	≡	:		&	?	f	%	)	(
1	W	F	3	2	1	E	D	C	B	A	0	w	f	<	]	[	e	d	c	b	a	'
2	O	N	6	5	4	M	L	K	Z	I	H	o	n		=	>	m	l	k	z	i	h
3	G	V	J	Y	X	U	T	S	R	Q	P	g	v	j	y	x	u	t	s	r	q	p
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

½-7βα≡/89PT  
 RHC6EQFZ4SM  
 5I3VGAUB1JK  
 +W2N0DOYLX

,?|f≡:( )pt  
 rhc\_eqfz>sm  
 =i<vgaub[jk  
 &w]n'doylex

0	3	7	11	15	19	23	27	31	35	39	43
.	½	-	7	β	α	≡	/	8	9	P	T
,	?	*		f	%	≡	:	(	)	p	t
1	5	9	13	17	21	25	29	33	37	41	
R	H	C	6	E	Q	F	Z	4	S	M	
r	h	c		e	q	f	z	>	s	m	
2	6	10	14	18	22	26	30	34	38	42	
5	I	3	V		A	U	B	l	J	K	
=	i	<	v		a	u	b	[	j	k	
4	8	12	16	20	24	28	32	36	40		
+	W	2	N	0	D	O	Y	L	X		
&	w	]	n	'	d	o	y	l	x		



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## TYPE HEAD SPECIFICATION

CAMWIL P/N 32-M ©

TYPE STYLE Elite



TILT	UPPER CASE										LOWER CASE											
0	7	3			.	W	S	O	K	G	C	/	f		<	%	w	s	o	k	g	c
1	6	2	Z	10	-	V	R	N	J	F	B	*	,	z	10	~	v	r	n	j	f	b
2	5	1	Y	9	+	U	Q	M	I	E	A	&	)	y	]	↑	u	q	m	i	e	a
3	4	0	X	8	=	T	P	L	H	D	;	:	(	x	[	>	t	p	l	h	d	?
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

7S3.OK|HCG;P  
 HANYVD2I+LU  
 9EZO]FTJ-XM  
 W6]01BR58Q=

/sf%ok<cg?p  
 hanyvd,i↑lu  
 ]ez(:ftj^xm  
 w\*o)br&[q>

0	3	7	11	15	19	23	27	31	35	39	43
7	S	3	.	O	K			C	G	;	P
/	s	f	%	o	k	—	<	c	g	?	p
1	5	9	13	17	21	25	29	33	37	41	
H	A	N	Y	V	D	2	I	+	L	U	
h	a	n	y	v	d	.	i	↑	l	u	
2	6	10	14	18	22	26	30	34	38	42	
9	E	Z	O	4	F	T	J	-	X	M	
]	e	z	(	:	f	t	j	~	x	m	
4	8	12	16	20	24	28	32	36	40		
W	6	10	1	B	R	5	8	Q	=		
w	*	10	)	b	r	&	[	q	>		



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 34-M ©

Type Style Manifold

CODE \_\_\_\_\_ BCD \_\_\_\_\_



Tilt	Upper Case											Lower Case										
0	+	#	%	&	*	)	±	=	Ω	(	_	1	3	5	7	8	ø	2	4	6	9	#
1	'	■	■	■	■	ç	■	■	■	■	"	/	T	V	X	Y	∗	S	U	W	Z	,
2	■	■	■	■	■	_	■	■	Δ	■	■	J	L	N	P	Q	-	K	M	O	R	■
3	■	■	∏	<	■	°	■	■	‡	■	;	A	C	E	G	H	:	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

+ ± # = % Ω & \* ( ) ç \_  
 ■ ∏ ■ ■ ■ ■ ■ Δ ■ \_  
 ■ ■ ■ ‡ < ■ ■ ■ ° ■  
 ■ ■ ■ ■ ■ " ; ' !

123456789ø∗#  
 QWERTYUIOP-  
 ASDFGHJKL: ■  
 ZXCVBNM, ./

### NON-STANDARD KEYS

0	3	7	11	15	19	23	27	31	35	39	43
+	±	#	=	%	Ω	&	*	(	)		
1	5	9	13	17	21	25	29	33	37	41	
										-	
2	6	10	14	18	22	26	30	34	38	42	
									:		
4	8	12	16	20	24	28	32	36	40		
							"	;	'		

# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 38-M ©

Type Style Manifold

CODE BCD

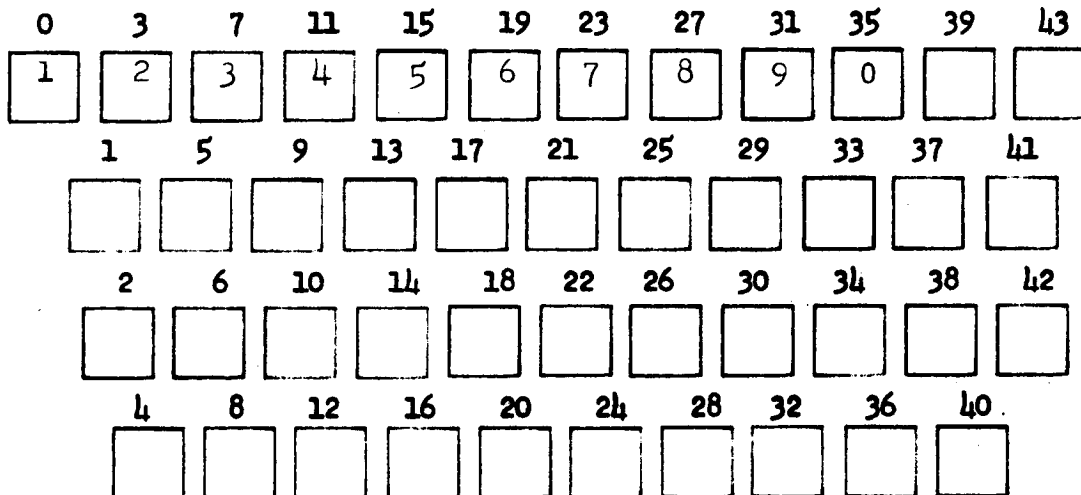


Tilt	Upper Case											Lower Case										
0	■	■	@	>	■	b	■	:	√	■	_	1	3	5	7	8	0	2	4	6	9	#
1	■	■	%	'	■	¢	■	=	"	■	■	/	T	V	X	Y	*	S	U	W	Z	,
2	■	■	*	;	■	-	■	)	Δ	■	■	J	L	N	P	Q	-	K	M	O	R	\$
3	■	■	¤	<	■	ε	■	(	‡	■	~	A	C	E	G	H	&	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

■ ■ ■ : @ / > ■ ■ b ¢ \_  
 ■ " ¤ ■ ■ ■ = ■ Δ ; -  
 ■ ■ ( ‡ < ■ ■ ■ ■ ε ■  
 ■ ' ■ % ■ \* ) ■ ~ ■

1234567890\*#  
 QWERTYUIOP-  
 ASDFGHJKL&\$  
 ZXCVBNM,./

## NON-STANDARD KEYS



# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 41-M ©

Type Style Manifold

CODE BCD



Tilt	Upper Case											Lower Case										
0	'	#	=	?	*	)	@	\$	¢	(		1	3	5	7	8	0	2	4	6	9	
1	+	T	V	X	Y		S	U	W	Z	,	/	T	V	X	Y		S	U	W	Z	,
2	J	L	N	P	Q	"	K	M	O	R		J	L	N	P	Q	-	K	M	O	R	%
3	A	C	E	G	H	;	B	D	F	I	.	A	C	E	G	H	&	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

'@#\\$=¢?\*(')  
 QWERTYUIOP"  
 ASDFGHJKL;\_  
 ZXCVBNM, .+

1234567890  
 QWERTYUIOP-  
 ASDFGHJKL&%  
 ZXCVBNM, ./

## NON-STANDARD KEYS

0	3	7	11	15	19	23	27	31	35	39	43
'	@	#	\$	=	¢	?	*	(	)		
1	5	9	13	17	21	25	29	33	37	41	
Q	W	E	R	T	Y	U	I	O	P	"	
2	6	10	14	18	22	26	30	34	38	42	
A	S	D	F	G	H	J	K	L	;	%	
4	8	12	16	20	24	28	32	36	40		
Z	X	C	V	B	N	M	,	.	+		



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 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 62-M ©

TYPE STYLE Elite

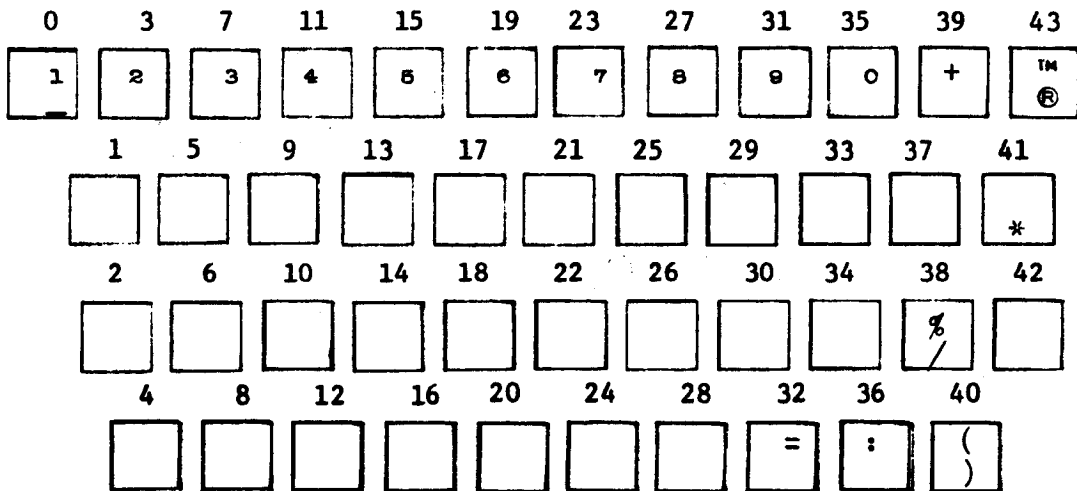
CODE Standard



TILT	UPPER CASE										LOWER CASE											
0	1	3	7	8	4	Z	2	5	e	o	e	_	3	7	8	4	z	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	h	b
2	M	V	R	A	O	°	:	"	I	S	W	m	v	r	a	o	*	.	'	i	s	w
3	G	F	%	=	(	J	™	P	Q	Y	+	g	f	/	,	)	j	®	p	q	y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

1234567890+™  
 QWERTYUIOP°  
 ASDFGHJKL%'  
 ZXCVBNM=: (

\_234567890-®  
 qwertyuiop\*  
 asdfghjkl/'  
 zxcvbnm,.)



# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 67-M ©

TYPE STYLE Dual Gothic

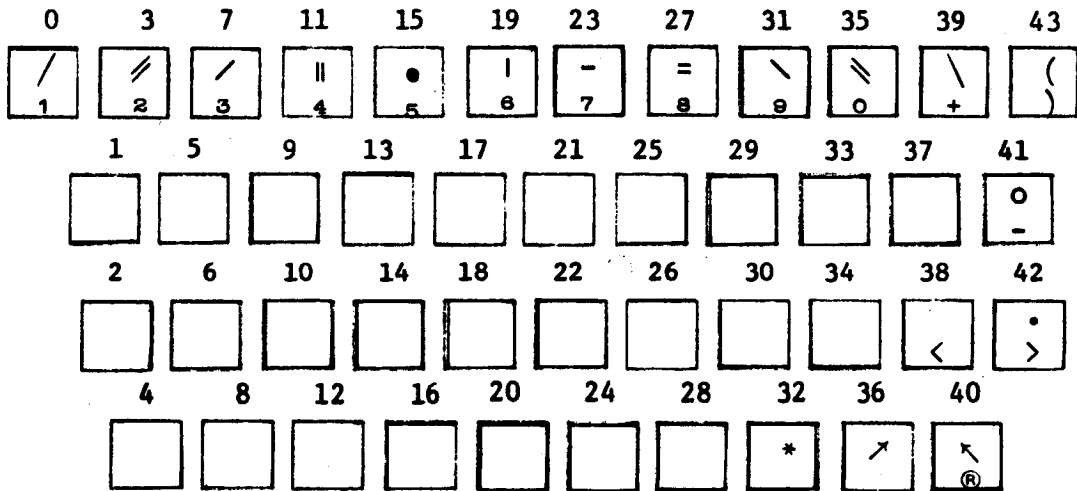
CODE Standard



TILT	UPPER CASE											LOWER CASE										
0	/	/	-	=		Z	∕	•	I	∕	\	1	3	7	8	4	Z	2	5	e	o	e
1	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	h	b
2	M	V	R	A	O	o	∕	•	I	S	W	m	v	r	a	o	-	.	>	i	s	w
3	G	F	:	*	↖	J	(	P	Q	Y	\	g	f	<	,	@	j	)	p	q	y	+
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

∕∕∕∕•∥-∕∕∕∕\  
 QWERTYUIOPO  
 ASDFGHJKL:•  
 ZXCVBNM\*↖

1234567890+)  
 qwertyuiop-  
 asdfghjkl<>  
 zxcvbnm,.®



Note: This element is designed for use on a 12-pitch machine which incorporates a 54-tooth index ratchet to provide half spacing.



SHELL DEVELOPMENT COMPANY \*\*\* EMERYVILLE RESEARCH CENTER

FIRST TYPING USING CAMWIL\*INC. PART NUMBER 07 M

March 1, 1965

Type out of chemical symbol Selectric typing element.

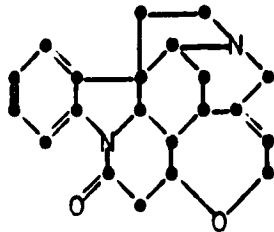
/ // / || • | - = \ // \ (   
 1 2 3 4 5 6 7 8 9 0 + )

Q W E R T Y U I O P o   
 q w e r t y u i o p -

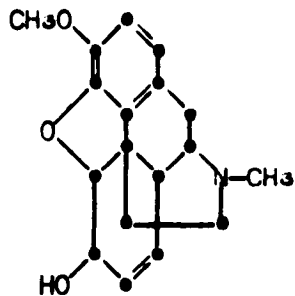
A S D F G H J K L : •   
 a s d f g h j k l < >

Z X C V B N M \* ↗ ↘   
 z x c v b n m , . ®

Sample structures



Strychnine



Codeine

# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 80-M

Type Style Manifold

CODE BCD



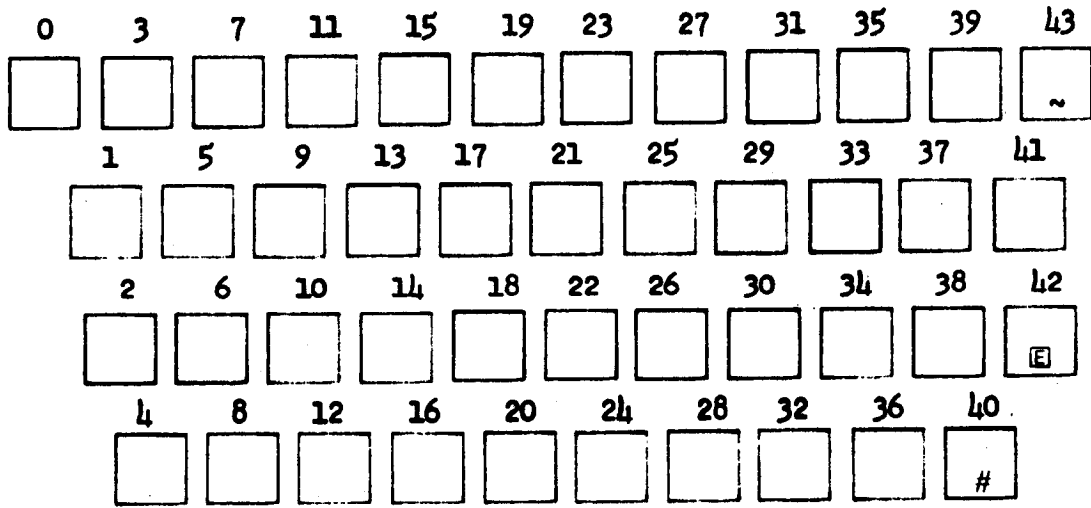
Tilt	Upper Case										Lower Case											
	0	■	■	@	>	■	b	■	:	√	■	_	1	3	5	7	8	ø	2	4	6	9
1	■	■	%	'	■	¢	■	=	"	■	■	#	T	V	X	Y	∗	S	U	W	Z	,
2	■	■	∗	;	■	-	■	)	Δ	■	■	J	L	N	P	Q	-	K	M	O	R	Ⓜ
3	■	■	∩	<	■	&	■	(	‡	■	˘	A	C	E	G	H	&	B	D	F	I	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5

ROTATE

■■■:@√>■■b¢\_  
 ■"∩■■■=■Δ;-  
 ■■(‡<■■■&■  
 ■'■%■∗)■˘■

123456789ø∗~  
 QWERTYUIOP-  
 ASDFGHJKL&Ⓜ  
 ZXCVBNM,.#

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 102-M ©

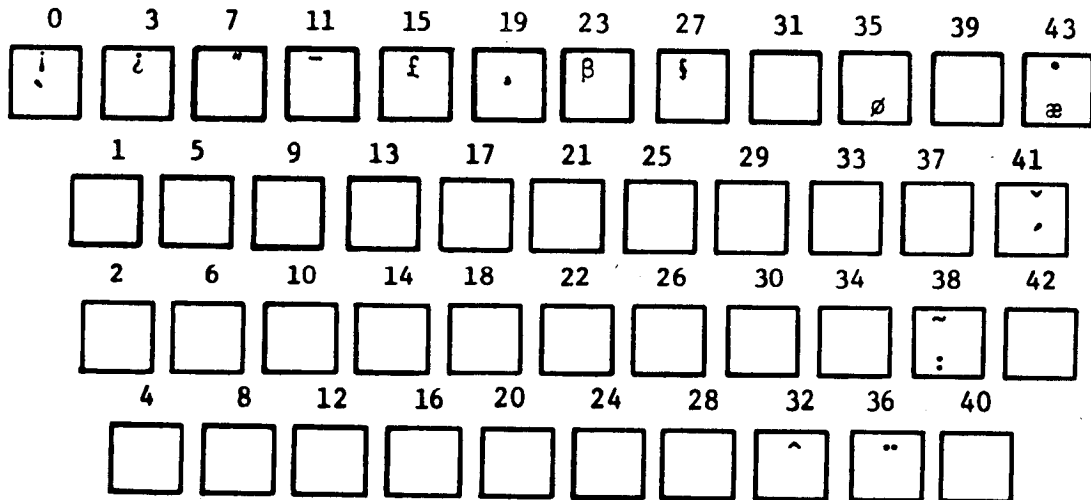
TYPE STYLE Letter Gothic



TILT	UPPER CASE											LOWER CASE										
0	i	"	β	§	-	Z	¿	£	,	)	(	`	3	7	8	4	z	2	5	6	ø	9
1	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	h	b
2	M	V	R	A	O	˘	˙	˚	˛	˜	˝	m	v	r	a	o	'	.	ˆ	˜	˝	w
3	G	F	˘	˙	˚	J	˙	P	Q	Y		g	f	:	,	/	j	æ	p	q	y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

i¿"-£,β§()˙  
 QWERTYUIOP˘  
 ASDFGHJKL˙"  
 ZXCVBNM˘˙˚?

˘23456789ø-æ  
 qwertyuiop˘  
 asdfghjkl:˙'  
 zxcvbnm,./



# Camwil Inc.

11821 WEST PICO BOULEVARD  
LOS ANGELES, CALIFORNIA 90064  
Phone 473-9648

The following languages can be typed with the INTERNATIONAL ELEMENT, P/N 102-M:

<u>European</u>	<u>Asian</u>	<u>Oceanian</u>	<u>African</u>	<u>America</u>
Albanian	Hani	Bisaya	Afrikaans	Aymara
Basque	Kawa	Bugotu	Chuana	Choctaw
Breton	Kurdish (Iraqi)	Fiji	Kongo	Cree
Catalan	Kurdish (Syrian)	Hawaiian	Luba	Delaware
Czech	Lahu (new)	Indonesian	Malagasy	Eskimo
Danish	Lisu (new)	Javanese	Mandingo	Guarani
Dutch	Miao (new)	Maduran	Moshi	Mohawk
Estonian	Tinpo	Malay	Sotho	Nahuatl
Faroese	Tun	Maori	Swahili	Navaho
Finnish	Y (new)	Minankabau	Tswana	Ojibwa
Flemish		Samoan	Yoruba	Quechua
French		Sundanese		Sapotec
Frisian		Tagalog		Seneca
German		Tahitian		
Hungarian		Uolio		
Icelandic				
Irish (modern)				
Italian				
Kashubian				
Latin				
Lithuanian				
Lusatian				
Norwegian				
Polish				
Portuguese				
Provencal				
Rhaeto-romance				
Roumanian				
Slovakian				
Slovenian				
Spanish				
Swedish				
Welsh				

## International (Artificial) Languages

Esperanto  
Ido  
Interlingua  
Occidental  
Volapuk

# Camwil Inc.

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LOS ANGELES, CALIFORNIA 90064  
Phone 473-9648

## European languages typed with INTERNATIONAL ELEMENT, P/N 102-M

Albanian	ç ë
Basque	ë ñ í
Breton	é è ê ÿ î ñ ô ü
Catalan	ç à é è ÿ í ó ò ü ú
Czech	á č ď é ě í ň ó ř š ť ú û ý ž
Danish	æ ø å
Dutch	· ` ^ ÿ
Estonian	õ ä ö ü
Faroese	á í ó ú ý æ ø ɹ
Finnish	ä ö å
French	à â ç ë é è ê ÿ î ô ü ù û
Frisian	â ê î ô û ú
German	ä ö ü ß
Hungarian	á é í ó ö ő ú ü ű
Icelandic	æ á é í ó ö ú ý þ ǰ
Irish (modern)	á é í ó ú
Italian	£ à é è í ì î ó ò ú ù
Kashubian	q ć é ě ę ł ó ô ǒ ś ź ż
Latin	æ ā ă ǣ ǵ ı ſ ǒ ū ū
Lithuanian	q č ę ė į š ū ū
Lusatian	ć č dź dź ę ł ń ó ǫ ś ź ż
Norwegian	æ ø å
Polish	q ć dź dź ę ł ń ó ś ść ź ż
Portuguese	ãe ão õe á à â ç ẽ é è ê ÿ í ó ò ô ü ú
Provençal	ç ı ` ` ^
Rheto-romance	à â è ê ò ǒ ü
Roumanian	ă î ș ț
Slovakian	ä á č ď é í ľ ň ó ô ǫ š ť ú ý ž
Slovenian	č š ž
Spanish	ı ı á é í ó ü ú ñ
Swedish	ä å ö
Welsh	á â ẽ é ó ô ý ȳ ȵ

# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 107-M ©

Type Style Rabinow Optical Scanning Font

Code Standard

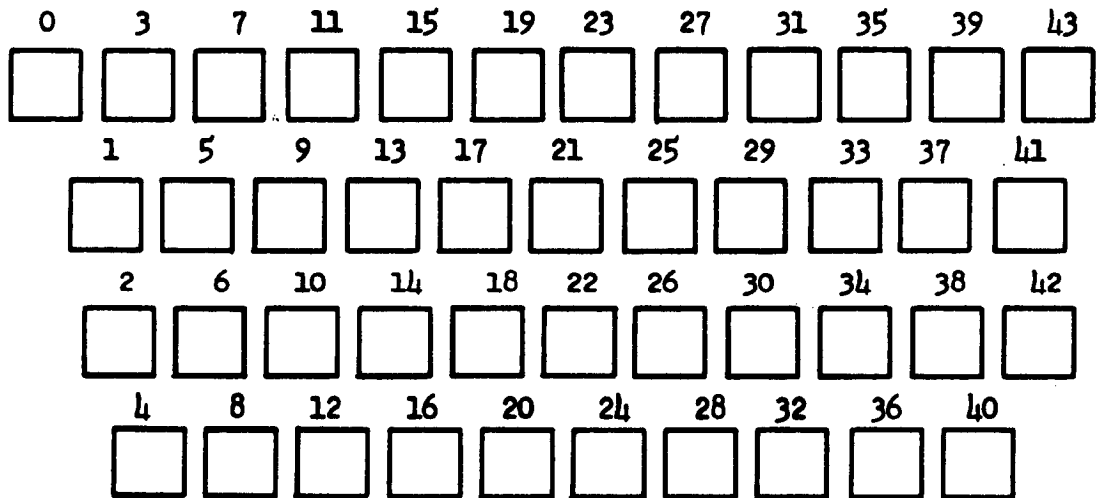


Tilt	Upper Case											Lower Case										
0	£	*	&	⌘	⌘	Z	H	%	Δ	}	{	1	3	7	8	4	Z	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	X	U	D	C	L	T	N	E	K	H	B
2	M	V	R	A	0		.	∇	I	S	W	M	V	R	A	0		.	∇	I	S	W
3	G	F	:	,	?	J	+	P	Q	Y	-	G	F	:	,	/	J	=	P	Q	Y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

£H\*%Δ&⌘{ }→  
 QWERTYUIOP|  
 ASDFGHJKL:∇  
 ZXCVMN,./

1234567890-=  
 QWERTYUIOP|  
 ASDFGHJKL:∇  
 ZXCVMN,./

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 111-M

Type Style Pica

Code Standard



Tilt	Upper Case											Lower Case										
0	!	£	¢	°	\$	Z	x	%	/	)	(	1	3	7	8	4	z	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	x	u	d	c	l	t	n	e	k	h	b
2	M	V	R	A	O	^	§	:	I	S	W	m	v	r	a	o	'	.	;	i	s	w
3	G	F	Ç	?	ö	J	+	P	Q	Y		g	f	ç	,	ã	j	=	p	q	y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

!x£\$/&°() +  
 QWERTYUIOP<sup>x</sup>  
 ASDFGHJKLÇ:  
 ZXCvBNM?§ö

1234567890=  
 qwertyuiop'  
 asdfghjklç;  
 zxcvbnm,.ã

### NON-STANDARD KEYS

0	3	7	11	15	19	23	27	31	35	39	43
!	x	£			/		°				
1	5	9	13	17	21	25	29	33	37	41	
										^	'
2	6	10	14	18	22	26	30	34	38	42	
									Ç	:	;
									ç		
4	8	12	16	20	24	28	32	36	40		
							?	§	ö	ã	

# Camwil Inc.

11821 WEST PICO BOULEVARD  
LOS ANGELES, CALIFORNIA 90064  
Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 120-M

TYPE STYLE GOTHIC

CODE Standard

∇

TILT	UPPER CASE											LOWER CASE										
0			•	○		Z			o	Ω	~	1	3	7	8	4	-	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	-	*	√	-	∩	+	(	↑	∪	∪	∩
2	M	V	R	A	o	∇	∩	/		S	W	μ	-	+	-	*	▲	∪	/	*	>	-
3	G	F	\	.	∩	J	+	P	Q	Y	≡	↪	Z	\	f	∪	∩	∩	∩	-	∩	▶
-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	
ROTATE																						

| | | | | | | | | | | | +  
QWERTYUIOP ∇  
ASDFGHJKL \ /  
ZXCVBNM . ∩ ∩

1 2 3 4 5 6 7 8 9 0 ▶ ◀  
- - + + + + + + + +  
- > √ Z ↪ ∩ ∩ ∩ ∩ ∩  
- - - - - ( μ f ∩ )

0	3	7	11	15	19	23	27	31	35	39	43
					o	•	○	~	Ω	≡	◀
1	5	9	13	17	21	25	29	33	37	41	
-	-	+	+	+	+	*	*	*	*	*	∇
2	6	10	14	18	22	26	30	34	38	42	
-	>	√	Z	↪	∩	∩	∩	∩	∩	\	/
4	8	12	16	20	24	28	32	36	40		
-	-	-	-	-	)	(	μ	f	∩	∩	

This element is designed for use in a standard code, 12-pitch Selectric which has a 54-tooth ratchet to provide half-spacing. This modification is inexpensively and easily made by an IBM serviceman.



# Camwil Inc.

11821 West Pico Boulevard  
Los Angeles, California

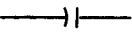
THIS MESSAGE AND THE FOLLOWING ELECTRONIC SYMBOLS AND DIAGRAMS WERE TYPED WITH A SINGLE TYPE HEAD DEVELOPED BY CAMWIL INC. INSTALLED IN AN IBM SELECTRIC TYPEWRITER.

### KEYBOARD LAYOUT-

1 2 3 4 5 6 7 8 9 0 ▶ ◀  
Q W E R T Y U I O P ▼  
- - ↑ ↑ ↑ ← × × × × ▲  
A S D F G H J K L \ /  
- > < Z ↻ C ∪ ∪ ∪ \ /  
Z X C V B N M . ( )  
- - - - ) ( μ f ( )


RESISTOR 

SWITCH 

CAPACITOR 

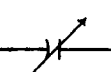
POTENTIOMETER 


RELAY 


FUSE 

RECTIFIER 

GROUND 

VARIABLE CAPACITOR 

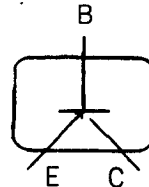
BATTERY 

CHOKE 

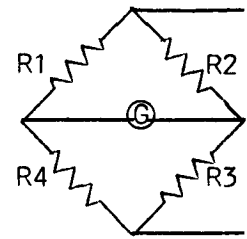
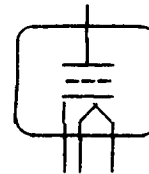
TRANSFORMER 

LAMP 

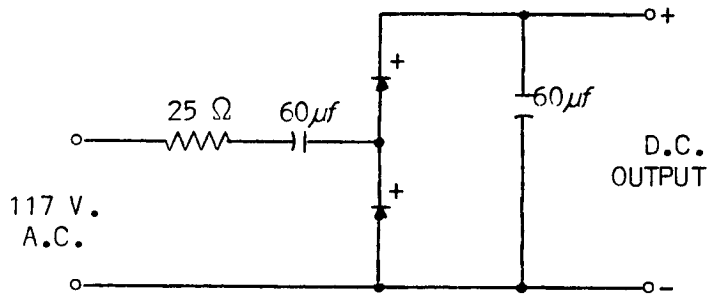
TRANSISTOR



VACUUM TUBE



RESISTANCE BRIDGE



HALF-WAVE VOLTAGE DOUBLER

CAMWIL PART NO. 120-M

# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 122-M ©

TYPE STYLE GOTHIC

CODE Standard

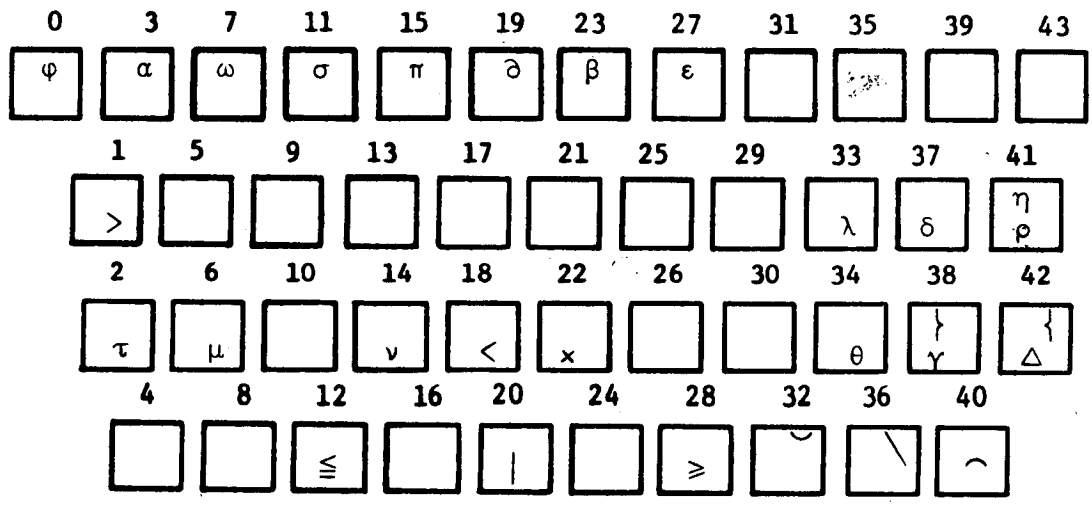


TILT	UPPER CASE										LOWER CASE											
0	φ	ω	β	ε	σ	Z	α	π	θ	)	(	1	3	7	8	4	z	2	5	6	0	9
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2	M	V	R	A	O	η	\	{	I	S	W	≥	v	r	τ	λ	ρ	.	Δ	i	μ	w
3	G	F	}	˘	˘	J	+	P	Q	Y	_	<	r	γ	,	/	j	=	δ	>	y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5

ROTATE

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 ZXCVBNM }

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# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 127-M ©

TYPE STYLE Gothic

CODE Standard

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TILT	UPPER CASE										LOWER CASE											
0	#	"	'	+	=	λ	†	°	%	(	*	‡	2	6	7	3	z	l	4	5	9	8
1	ξ	U	δ	C	λ	Δ	N	ε	K	η	β	x	u	d	c	l	†	n	e	k	h	b
2	μ	±	R	α	0	_	]	/	l	σ	ω	m	v	r	a	o	-	.	ˆ	i	s	w
3	Υ	F	:	[	?	®	<	π	θ	Υ	)	g	f	;	,	‡	J	>	p	q	y	0
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

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θ	ω	ε		Δ					π	-	
2	6	10	14	18	22	26	30	34	38	42	
α	σ	δ		Υ	η	®		λ		/	ˆ
4	8	12	16	20	24	28	32	36	40		
λ	ξ		±	β		μ	[	]		‡	

# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 128-M ©

Type Style Gothic

Code 5-channel Teletype

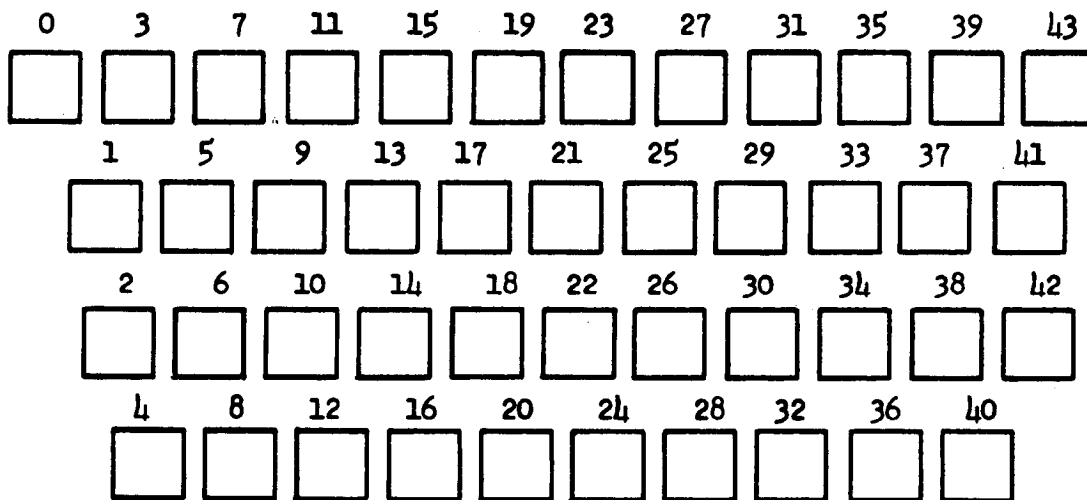


Tilt	Upper Case											Lower Case											
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2	■	■	1	0	6	(	■	2	)	■	5	■	■	Q	P	Y	H	■	■	W	L	Z	T
3	■	■	7	8	/	■	■	-	■	3	■	■	■	U	I	S	■	■	A	■	E	■	
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	
ROTATE																							

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■■■■GVXBMNO  
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 DC■■QW■K

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 137-M ©

Type Style Gothic

CODE 1050

Tilt	Upper Case											Lower Case										
0	'	*	≤	<	>	)	"	\$	≥	(	≠	1	3	5	7	8	0	2	4	6	9	=
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2	J	L	N	P	Q		K	M	O	R	:	j	l	n	p	q	-	k	m	o	r	;
3	A	C	E	G	H	*	B	D	F	I	J	a	c	e	g	h	+	b	d	f	i	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

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 ZXCVBNM[ ]?

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 qwertyuiop-  
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 zxcvbnm,./

### NON-STANDARD KEYS

0	3	7	11	15	19	23	27	31	35	39	43
'	"	#	\$	≤	≥	<	>	(	)		≠
1	5	9	13	17	21	25	29	33	37	41	
										-	
2	6	10	14	18	22	26	30	34	38	42	
									+	;	
4	8	12	16	20	24	28	32	36	40		
							[	]			

# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 146-M ©

Type Style Gothic

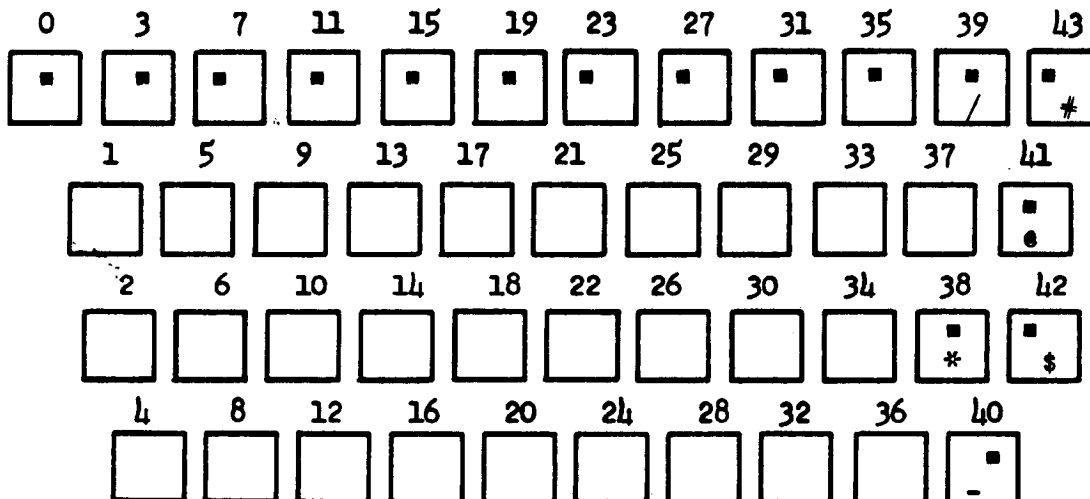
Code Standard - 10 pitch ▽

Tilt	Upper Case											Lower Case										
0	■	■	■	■	■	7	■	■	■	■	■	1	3	7	8	4	Z	2	5	6	0	9
1	X	U	D	C	I	T	N	F	K	H	B	X	U	D	C	I	T	N	F	K	H	B
2	M	V	R	A	O	■	■	I	S	W	■	M	V	R	A	O	e	■	\$	I	S	W
3	G	F	■	■	J	■	P	O	Y	■	■	G	F	*	■	-	J	#	P	O	Y	/
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

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 ASDFGHJKL■  
 ZXCVBNM, . ■

1234567890/#  
 QWERTYUIOPe  
 ASDFGHJKL\*  
 ZXCVBNM, . -

### NON-STANDARD KEYS



# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 171-M ©

Type Style Gothic

Code BCD

Tilt	Upper Case											Lower Case										
0	'	;	%	"	Ь	Э	“	:	'	Ц	Ю	1	3	5	7	8	0	2	4	6	9	)
1	?	Н	М	Ч	Г	Б	Ы	Ш	У	Я	,	/	t	v	x	y	-	s	u	w	z	,
2	О	Д	Т	Х	Й		Л	Ь	Э	Ж	.	j	l	n	p	q		k	m	o	r	(
3	Ф	С	К	П	Р	!	И	В	А	Щ	.	a	c	e	g	h	&	b	d	f	i	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

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### NON-STANDARD KEYS

0	3	7	11	15	19	23	27	31	35	39	43
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1											
1	5	9	13	17	21	25	29	33	37	41	
Й	У	К	Е	Н	Г	Ш	Щ	З	Х	-	
2	6	10	14	18	22	26	30	34	38	42	
Ф	Ы	В	А	П	Р	О	Л	Д	І	Ж	
4	8	12	16	20	24	28	32	36	40		
Я	Ч	С	М	И	Т	Ь					

# Camwil Inc.

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 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 177-M ©

Type Style Gothic

Code BCD

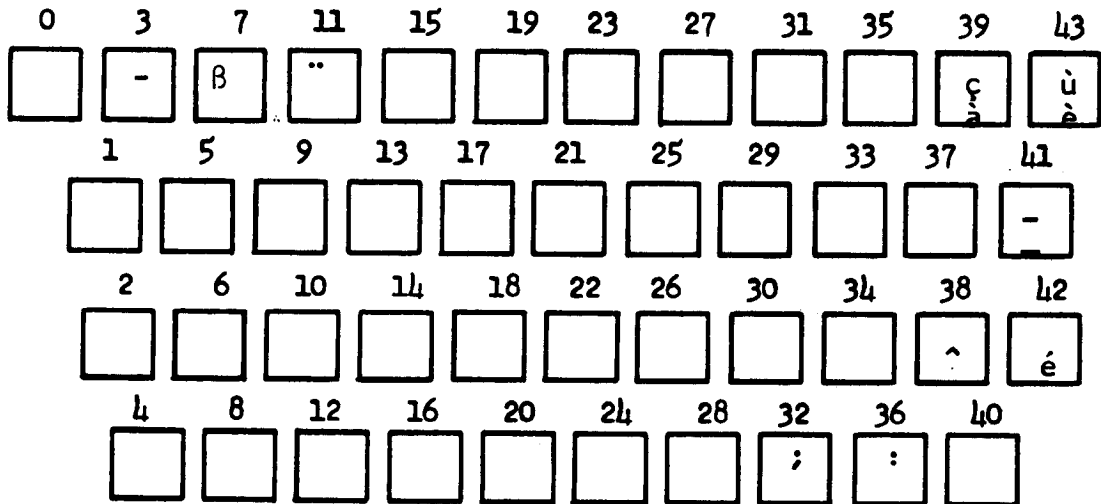


Tilt	Upper Case										Lower Case											
0	=	B	%	"	*	)	-	''	'	(	ù	1	3	5	7	8	0	2	4	6	9	è
1	?	T	V	X	Y	ç	S	U	W	Z	;	/	t	v	x	y	à	s	u	w	z	,
2	J	L	N	P	Q	_	K	M	O	R	!	j	l	n	p	q		k	m	o	r	é
3	A	C	E	G	H	+	B	D	F	I	:	a	c	e	g	h	^	b	d	f	i	.
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

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 ASDFGHJKL+!  
 ZXCVBNM;:?

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 qwertyuiop  
 asdfghjkl^\_è  
 zxcvbnm,./

### NON-STANDARD KEYS






# Camwil Inc.

11821 WEST PICO BOULEVARD  
 LOS ANGELES, CALIFORNIA 90064  
 Phone 473-9648

## TYPE HEAD SPECIFICATION

CAMWIL P/N 182-M 

Type Style Gothic

Code Standard - 10 pitch 

Tilt	Upper Case											Lower Case										
0	%	#	&	*	\$	Z	@	%	¢	)	(	%	3	7	8	4	Z	2	5	6	0	9
1	X	U	D	C	L	T	N	E	K	H	B	X	U	D	C	L	T	N	E	K	H	B
2	M	V	R	A	O	!	.	"	I	S	W	M	V	R	A	O	!	.	"	I	S	W
3	G	F	:	.	?	J	¼	P	Q	Y	-	G	F	:	.	?	J	¼	P	Q	Y	-
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
ROTATE																						

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 QWERTYUIOP!  
 ASDFGHJKL:"  
 ZXCVBNM, .?

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 QWERTYUIOP1  
 ASDFGHJKL;'  
 ZXCVBNM, ./

### NON-STANDARD KEYS

