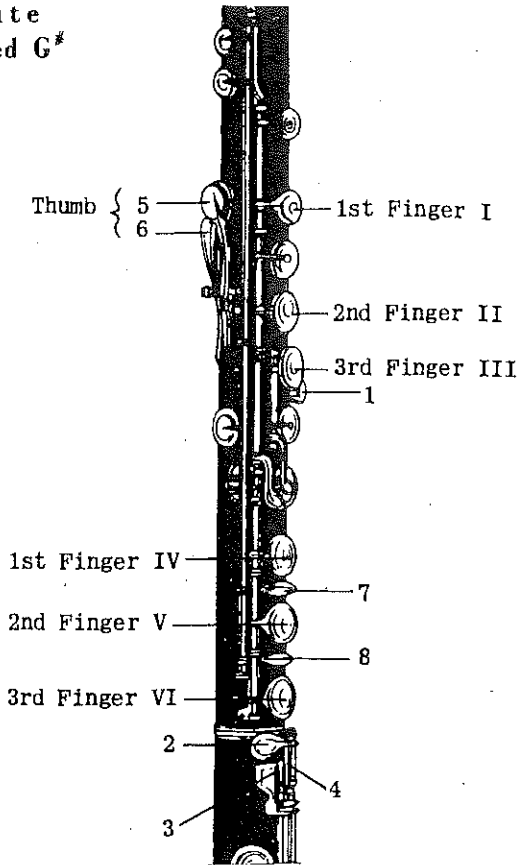


Flute Closed G[#]



Flute Fingering Chart

	C^{\flat}	C	C^{\sharp}	D^{\flat}	D	D^{\sharp}	E^{\flat}	E	E^{\sharp}	F^{\flat}	F	F^{\sharp}	G^{\flat}	G	G^{\sharp}	A^{\flat}	A	A^{\sharp}	B^{\flat}	B	B^{\sharp}	C^{\flat}	C	
I	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
II	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IV	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VI	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Flute fingerings also apply to the alto (G) flute; also to the C and D \flat piccolos, except that the latter lack the two lowest notes (C, C \sharp) and the two highest (B \sharp , C).

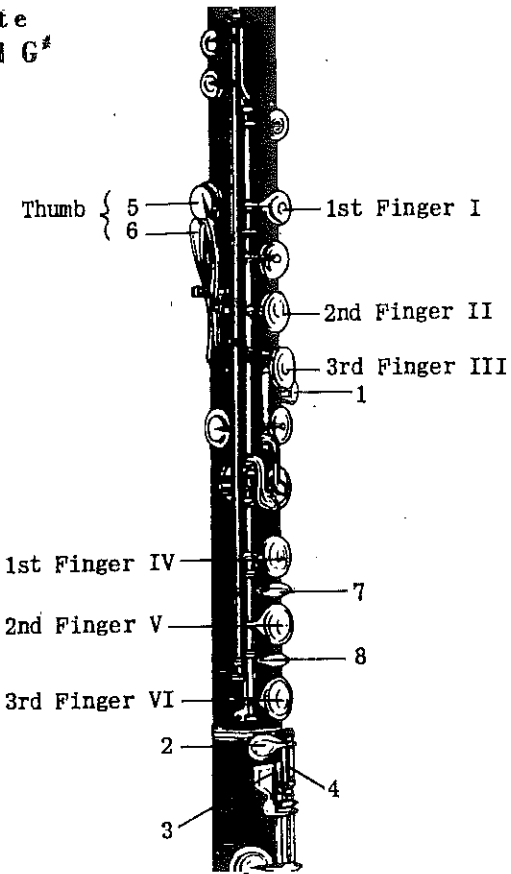
	C^{\flat}	C	C^{\sharp}	D^{\flat}	D	D^{\sharp}	E^{\flat}	E	E^{\sharp}	F^{\flat}	F	F^{\sharp}	G^{\flat}	G	G^{\sharp}	A^{\flat}	A	A^{\sharp}	B^{\flat}	B	B^{\sharp}	C^{\flat}	C	
I	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
II	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IV	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VI	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Flute cont.

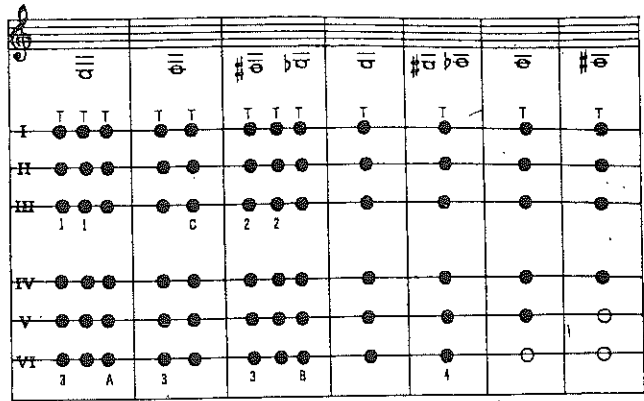
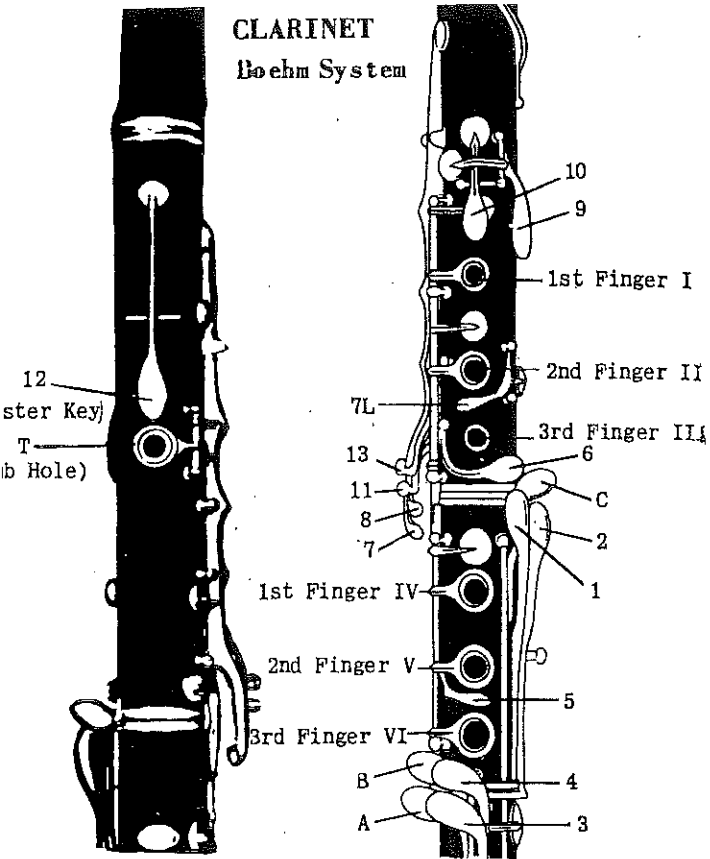
	C^{\flat}	C	C^{\sharp}	D^{\flat}	D	D^{\sharp}	E^{\flat}	E	E^{\sharp}	F^{\flat}	F	F^{\sharp}	G^{\flat}	G	G^{\sharp}	A^{\flat}	A	A^{\sharp}	B^{\flat}	B	B^{\sharp}	C^{\flat}	C	
I	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
II	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IV	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VI	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

	C^{\flat}	C	C^{\sharp}	D^{\flat}	D	D^{\sharp}	E^{\flat}	E	E^{\sharp}	F^{\flat}	F	F^{\sharp}	G^{\flat}	G	G^{\sharp}	A^{\flat}	A	A^{\sharp}	B^{\flat}	B	B^{\sharp}	C^{\flat}	C	
I	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
II	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
III	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IV	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VI	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

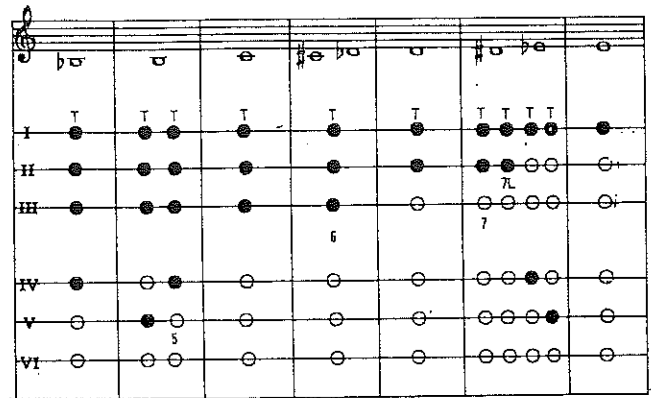
Flute Closed G[#]



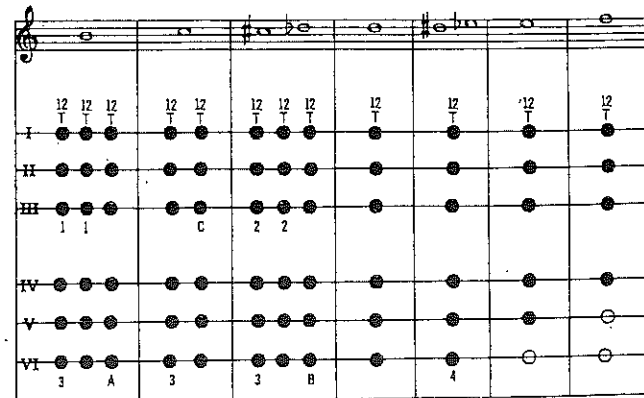
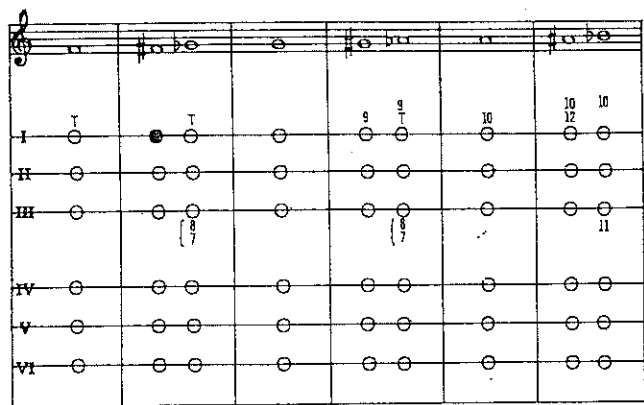
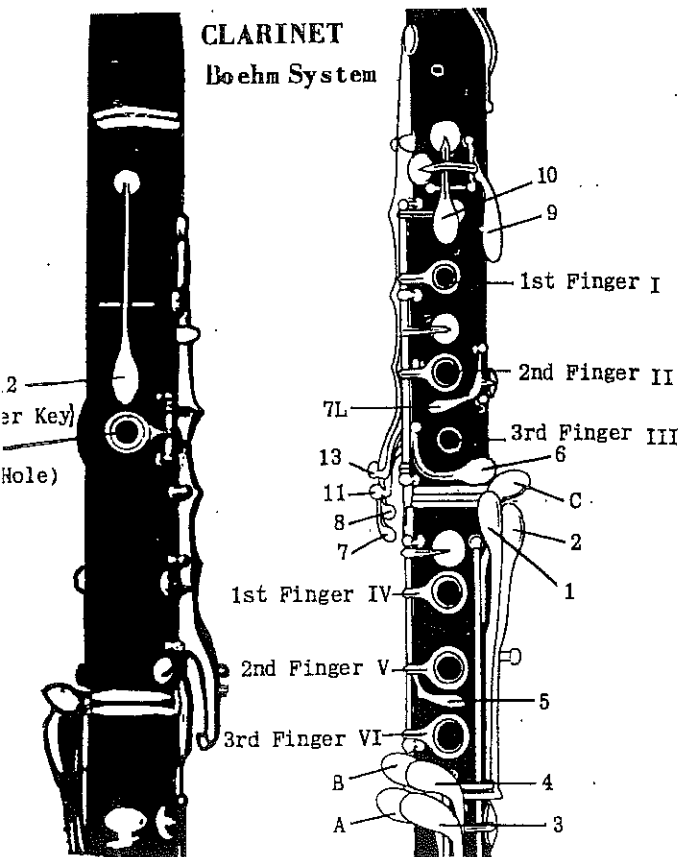
Clarinet Fingering Chart



All clarinet fingerings apply to Eb, Bb and A clarinets as well as to the lesser known D and C clarinets.

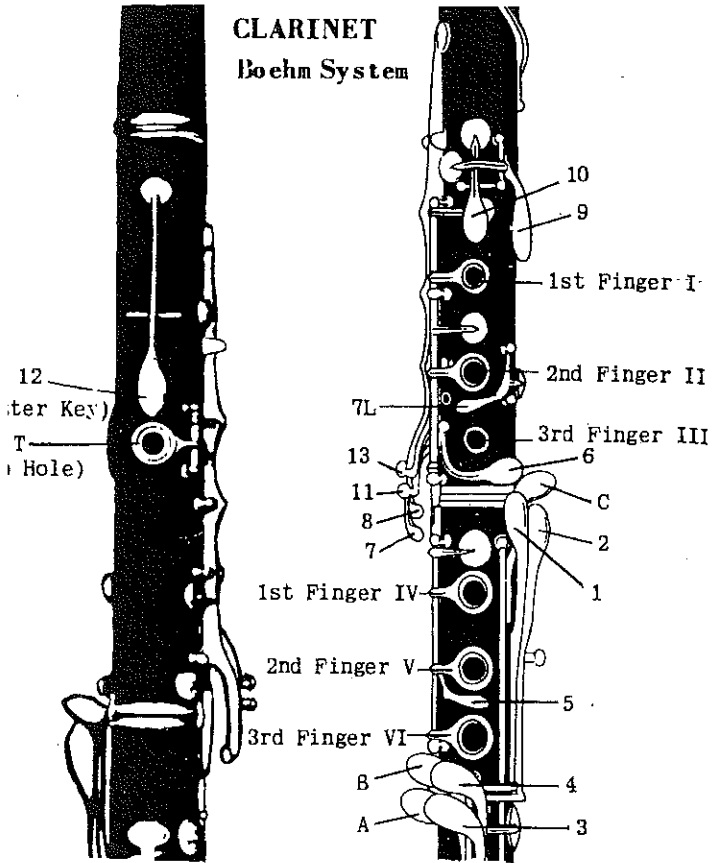


Clarinet cont.



Clarinet cont.

CLARINET Boehm System



36

♯e ba a ♯abe e ♯eba a e

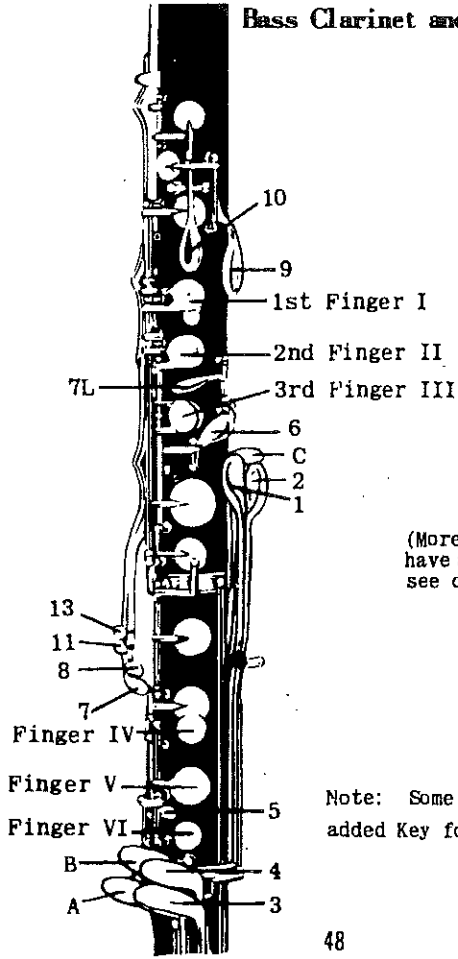
	12	12	12	12	12	12	12	12	12	12
I	●	●	●	●	●	●	●	●	○	○
II	●	●	●	●	●	●	○	○	○	○
III	●	●	●	○	○	○	○	○	○	○
IV	○	○	○	○	○	○	○	○	○	○
V	○	○	○	○	○	○	○	○	○	○
VI	○	○	○	○	○	○	○	○	○	○

♯e ba a ♯abe e ♯eba a e

	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
I	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
II	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
III	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
IV	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
V	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
VI	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

37

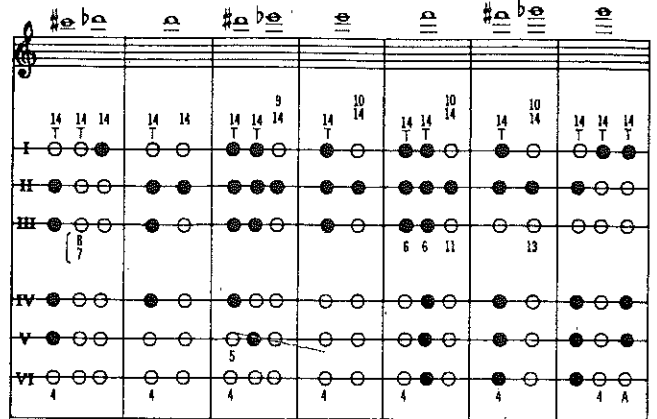
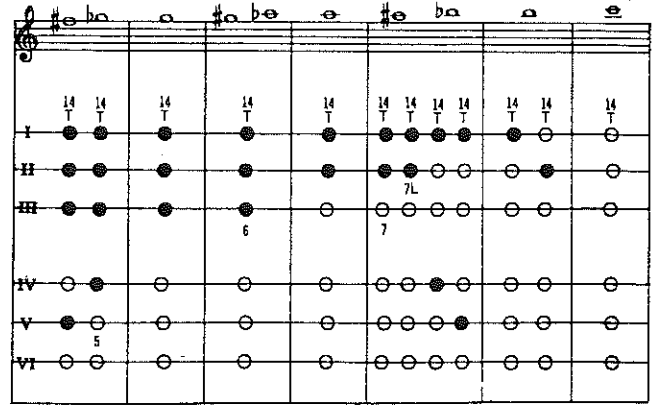
Bass Clarinet and Alto Clarinet



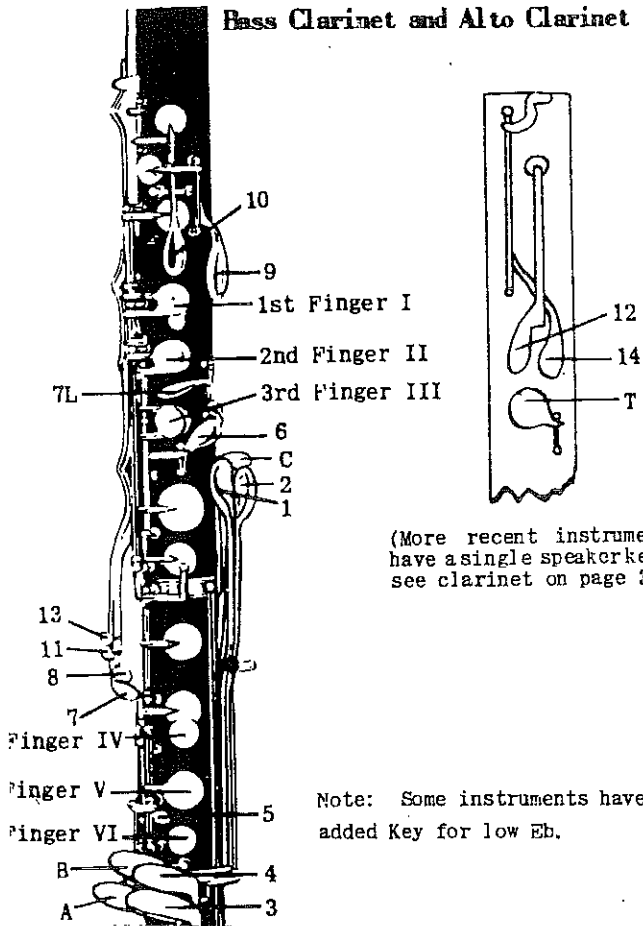
(More recent instruments have a single speaker key - see clarinet on page 32.)

Note: Some instruments have added Key for low Eb.

Bass Clarinet cont.
Alto Clarinet cont.



Bass Clarinet and Alto Clarinet



(More recent instruments have a single speakerkey - see clarinet on page 32.)

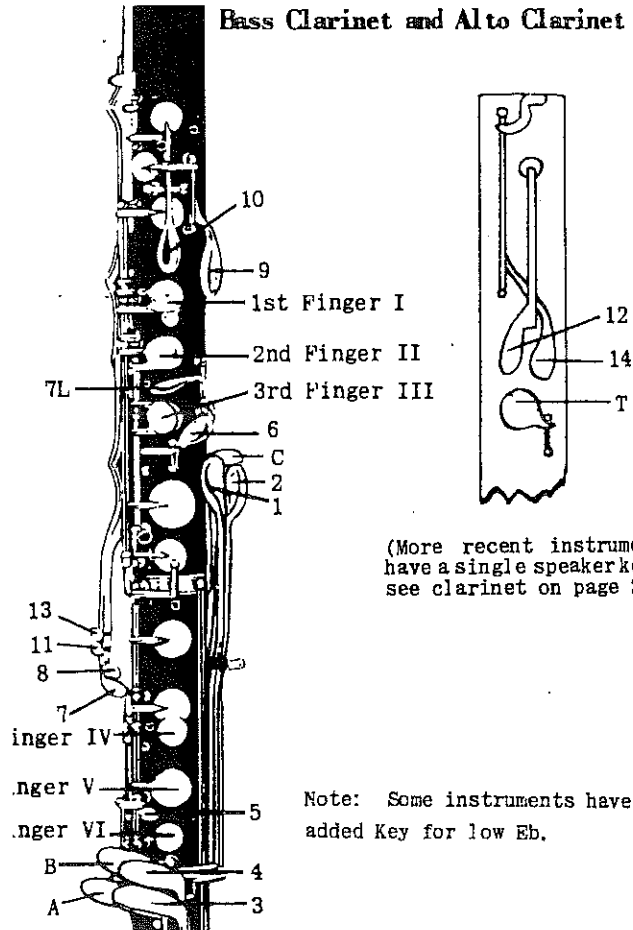
Note: Some instruments have added Key for low Eb.

Bass Clarinet Fingering Chart and Alto Clarinet Fingering Chart

	\bar{D}	\bar{E}	$\bar{\#F}$ \bar{bG}	\bar{A}	$\bar{\#B}$ \bar{bC}	\bar{D}	$\bar{\#E}$
I	T T T	T T	T T T	T	T	T	T
II	••••	••••	••••	••••	••••	••••	••••
III	1 1	C	2 2				
IV	••••	••••	••••	••••	••••	••••	••••
V	••••	••••	••••	••••	••••	••••	••••
VI	3 A	3	3 B	4			

	\bar{bB}	\bar{C}	\bar{D}	$\bar{\#E}$ \bar{bF}	\bar{G}	$\bar{\#A}$ \bar{bB}	\bar{C}
I	T	T T	T	T	T	T T T T	T
II	••••	••••	••••	••••	••••	••••	••••
III	••••	••••	••••	5	7L	7	••••
IV	••••	••••	••••	••••	••••	••••	••••
V	••••	••••	••••	••••	••••	••••	••••
VI	••••	5	••••	••••	••••	••••	••••

Bass Clarinet and Alto Clarinet



(More recent instruments have a single speakerkey - see clarinet on page 32.)

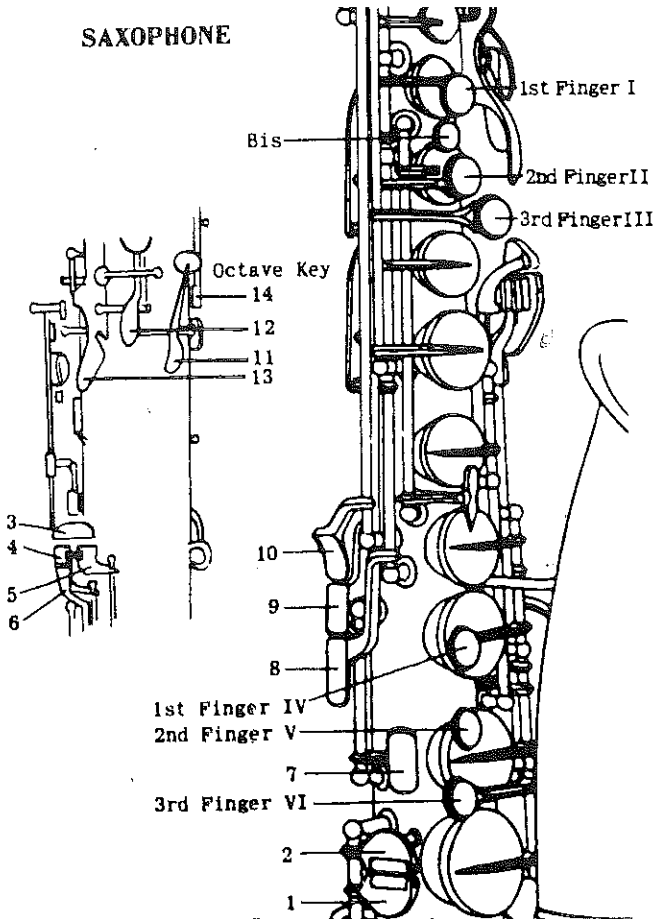
Note: Some instruments have added Key for low Eb.

Bass Clarinet cont. Alto Clarinet cont.

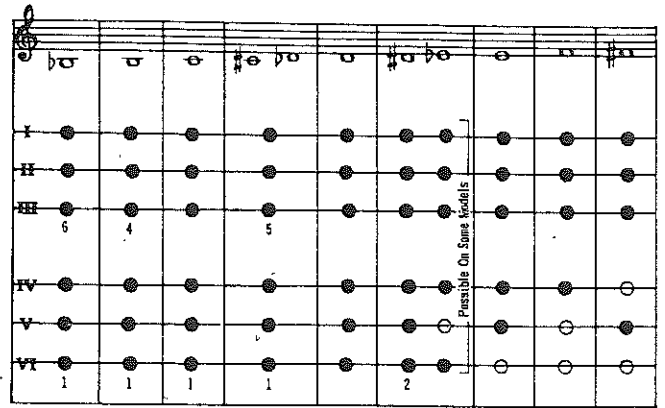
	\bar{D}	\bar{E}	$\bar{\#F}$ \bar{bG}	\bar{A}	$\bar{\#B}$ \bar{bC}	\bar{D}	$\bar{\#E}$
I	T	T	T	9 9 T	10	10 10	10
II	••••	••••	••••	••••	••••	••••	••••
III	••••	••••	••••	••••	••••	••••	11
IV	••••	••••	••••	••••	••••	••••	••••
V	••••	••••	••••	••••	••••	••••	••••
VI	••••	••••	••••	••••	••••	••••	••••

	\bar{bB}	\bar{C}	\bar{D}	$\bar{\#E}$ \bar{bF}	\bar{G}	$\bar{\#A}$ \bar{bB}	\bar{C}
I	12 T 12 T	12 T	12 T T	12 T	12 T	14 T	14 T
II	••••	••••	••••	••••	••••	••••	••••
III	1 1	C	2 2				
IV	••••	••••	••••	••••	••••	••••	••••
V	••••	••••	••••	••••	••••	••••	••••
VI	3 A	3	3 B	4			

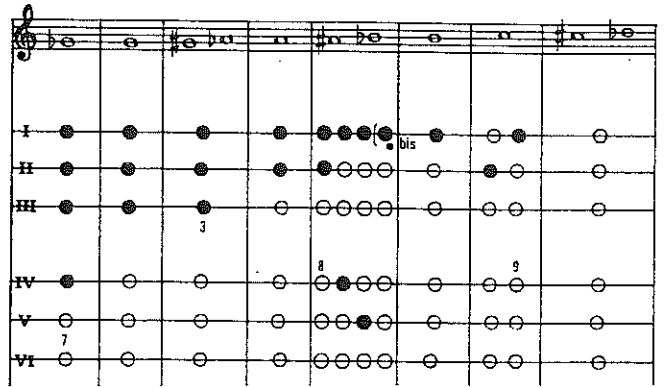
SAXOPHONE



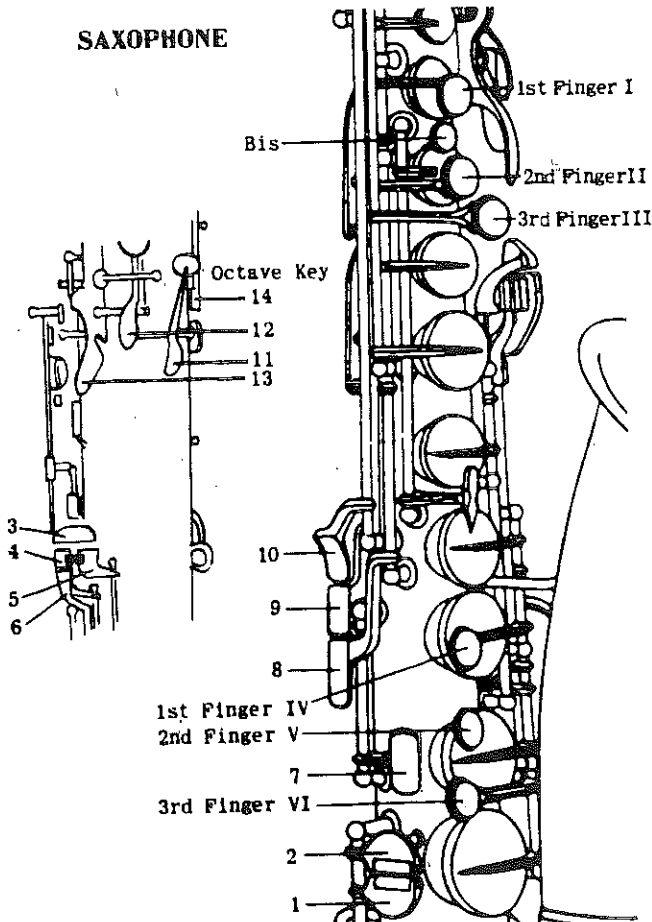
Saxophone Fingering Chart



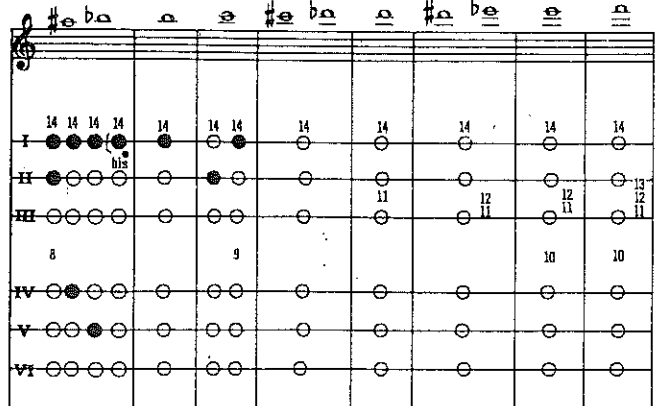
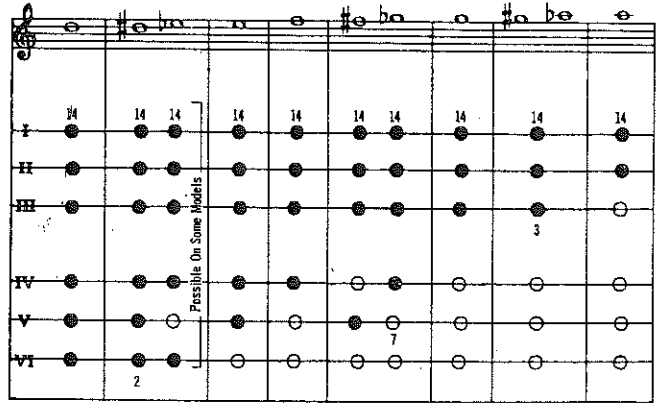
Illustrated fingerings apply to all instruments of the saxophone family. Some soprano, baritone and bass saxophones do not extend beyond the high D \sharp .



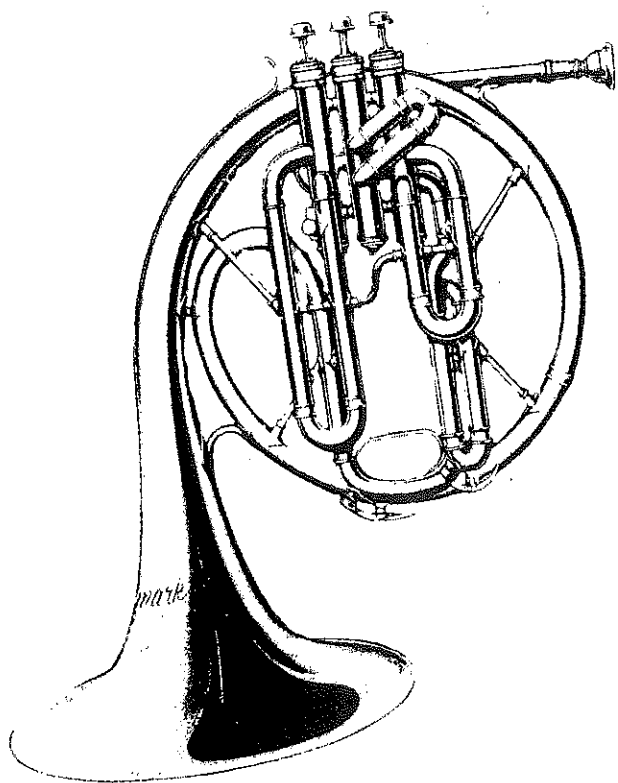
SAXOPHONE



Saxophone cont.



MELLOPHONE or ALTO



Cornet - Trumpet - Mellophone Baritone (♭)

\sharp	\flat	\flat	\flat	\sharp	\flat	\flat	\flat	\flat	\sharp
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$	1	2	0	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$
			3						

Lower numbers indicate optional or alternate fingerings which may be used in trills or fast passages.

\flat	\flat	\flat	\flat	\flat	\flat	\flat	\flat	\flat
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$	1	2	0	$\frac{2}{3}$	$\frac{2}{3}$
			3		$\frac{1}{2}$	$\frac{1}{3}$		

\flat	\sharp	\flat	\flat	\flat	\flat	\flat	\flat	\flat
$\frac{1}{2}$	1	2	0	$\frac{1}{2}$	1	2	0	$\frac{1}{2}$
3	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	3	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$ - 3

\flat	\flat	\flat	\flat	\flat	\flat	\flat	\flat	\flat
0	1	2	0	$\frac{2}{3}$	$\frac{1}{2}$	1	2	0
$\frac{1}{2}$	3	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{2}$	3	$\frac{2}{3}$	$\frac{1}{2}$	$\frac{1}{3}$

FRENCH HORN



French Horn - F and B^b

(Double*)

F Horn	0	1 2 3	1 3	2 3	1 2 3	1	2	0	1 2 3	2 3
B ^b Horn	1 3	2 3	1 2 3	1	2	0	1 2 3	1 3	2 3	2 3

All fingerings for the B^b horn require the thumb trigger. Notes are named the same whether on the F or B^b horn.

F Horn	1 2 3	1	2	0	1 2	1	2	0	1	2
B ^b Horn	1 2 3	1	2	0	2 3	1 2 3	1	2	0	1 2

Most players change from F to B^b horn some place between A and D in treble clef. Changing on D will result in better tone quality.

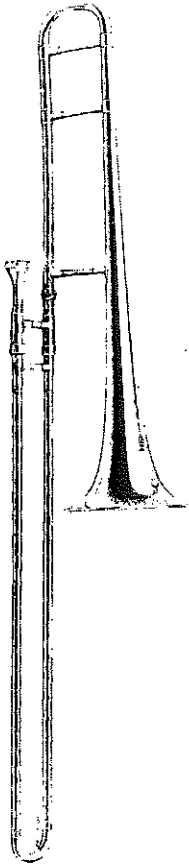
F Horn	2	0	2 3	1 2 3	1	2	0	1 2	2	0	2
B ^b Horn	1 2	1	2 3	1 2 3	1	2	0	2 3	3 1 2	1	1

F Horn	2	0	1	2	0	2 3	1 2	1	2	0
B ^b Horn	1	2	0	2	0	2 3	1 2 3	1	2	0

*There are also single horns in F, B^b, and E^b; fingerings for E^b and F horns are the same.

TROMBONE

Slide Trombone



- 1st position - slide closed
- 2nd position approximately 3½ inches
- 3rd position approximately 7 inches
- 4th position approximately 10½ inches
- 5th position approximately 14 inches
- 6th position approximately 17½ inches
- 7th position approximately 21 inches

The ear must determine whether a position is a little longer or a little shorter.

7	6	5	4	3	2	1	7

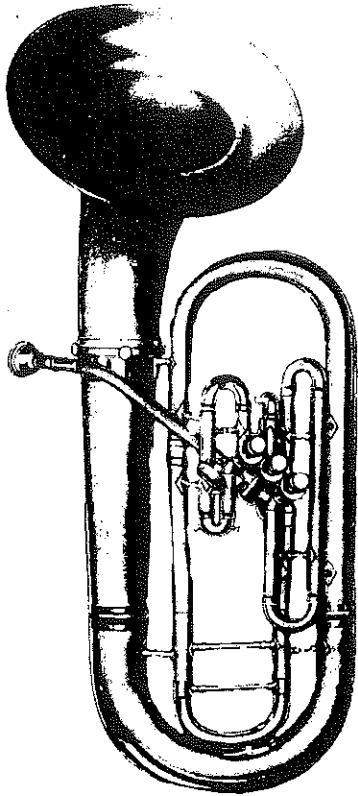
Lower numbers indicate alternate positions.

7	6	5	4	3	2	1	5
					7	6	

4	3	2	1	4	3	2	1
	7	6	#5	7	6	5	b4

3	2	1	#3	#2	3	2	1
#6	#5	#4 6	5 7	4 6	5 7	4 #6	3 5

BARITONE



76

Baritone (bass clef)

e	b \flat	o	#b \flat e	e	#e \flat a	a	#a \flat e	e
$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$	1	2	0	$\frac{1}{2}$ $\frac{2}{3}$	
			3					

Lower numbers indicate optional or alternate fingerings which may be used in trills and fast passages.

b \flat	a	#a \flat e	e	#e \flat a	a	b \flat e	e	#e \flat a
$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$	1	2	0	$\frac{2}{3}$	
			3		$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{3}$		

a	#a \flat e	e	#e \flat a	a	b \flat e	e	#e \flat a	a
$\frac{1}{2}$	1	2	0	$\frac{1}{2}$	1	2	0	
3	$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	3	$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{2}$ 3

#a \flat e	e	b \flat a	a	#a \flat e	e	#e \flat a	a	#a \flat e
1	2	0	$\frac{2}{3}$	$\frac{1}{2}$	1	2	0	
	$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{3}$	$\frac{1}{2}$ $\frac{2}{3}$	3	$\frac{2}{3}$	$\frac{1}{2}$ $\frac{2}{3}$	$\frac{1}{2}$ $\frac{1}{3}$	1 $\frac{2}{3}$

77

BASS
(Recording Model)



FOR 4 VALVED
FINGERINGS, SEE
PAGE 83.

E^b Bass

E	F	G	A	B	C	D	E
1 2 3	1 3	2 3	1 2	1	2	0	1 2 3
			3				

Lower numbers indicate alternate fingerings

F	G	A	B	C	D	E	F
1 2 3	1 3	2 3	1 2	1	2	0	2 3
			3		1 2 3	1 3	

G	A	B	C	D	E	F	G
1 2	1	2	0	1 2	1	2	0
3	1 2 3	1 3	2 3	3 1 2 3	1 3	2 3	1 2 3

A	B	C	D	E	F	G	A
1	2	0	2 3	1 2	1	2	0
	1 2 3	1 3	1 2 3	3 1 3 3	2 3	1 2 3	1 2 3 3

The Thirteen Rudiments of the National Rudimental Drummers Association

No. 1 The Long Roll

L L R R L L R R etc.

No. 2 The Five Stroke Roll

L L R R L R R L L R R L etc.

No. 3 The Seven Stroke Roll

L L R R L L R L L R R L L R etc.

No. 4 The Flam

L R R L L R R L etc.

No. 5 The Flam Accent

L R L R R L L L R L R R L L

No. 6 The Flam Paradiddle

L R L R L L R L R R L L etc.

No. 7 The Flamacue

L R L R L L R L R L R L L R L R L L R etc.

No. 8 The Ruff

L L R R L L R R L L R R L L R R L etc.

No. 9 The Single Drag

L L R L R L R L L R L R L R L R L

No. 10 The Double Drag

L L R L L R L R L R L R L R L

No. 11 The Double Paradiddle

L R L R L L L R L L R R

No. 12 The Single Ratamacue

L L R L R L R R L R L R L L R L R L R R L R L R etc.

No. 13 The Triple Ratamacue

L L R L L R L L R L L R L L R R L R R L R L R

TRANSPOSITION CHART

Actual Pitch All C Instruments, Violin, Flute, Oboe, etc.	C	C#	D	D#	E	F	F#	G	G#	A	A#	B
		Db		Eb		F	Gb		Ab		Bb	
E♭ Instruments Clarinet, Cornet, Tenor Sax, Bass Clarinet.	D	D#	E	F	F#	G	G#	A	A#	B	C	C#
		Eb		F	Gb		Ab		Bb		B	Db
A Clarinet	D#	E	F	F#	G	G#	A	A#	B	C	C#	D
		Eb		F	Gb		Ab		Bb		B	Db
E♭ Instruments Alto Sax, Alto Clar., Bar. Sax, E♭ Horn, E♭ Clar.	A	A#	B	C	C#	D	D#	E	F	F#	G	G#
		Bb		C	Db		Eb		F	Gb		Ab
F Instruments F Horn English Horn	G	G#	A	A#	B	C	C#	D	D#	E	F	F#
		Ab		Bb		C	Db		Eb		F	Gb
D♭ Instruments Piccolo Flute	B	C	C#	D	D#	E	F	F#	G	G#	A	A#
			Db		Eb		F	Gb		Ab		Bb
D Instruments Horn Trumpet	A#	B	C	C#	D	D#	E	F	F#	G	G#	A
		Bb		Db		Eb		F	Gb		Ab	A
Instruments in the bass clef— Trombone, Baritone, Cello, Bassoon, Bass	C	C#	D	D#	E	F	F#	G	G#	A	A#	B
		Db		Eb		F	Gb		Ab		Bb	B

