

Double Horn Fingering Dictionary

Clay Smalley

In this reference, partial numbers are listed to the right of each pitch, and deviation from the written pitch (in twelve-tone equal temperament) is shown below, rounded to the nearest 5 cents. Deviation may vary based on horn construction, as well as the player's own preferences and anatomy.

Fingerings for each pitch are arranged from shortest to longest tubing length. Fingerings $\overset{T}{13}$ and $\overset{T}{13}$ are assigned a bias of 10 cents sharp, and likewise, $\overset{T}{123}$ and $\overset{T}{123}$ are biased 20 cents sharp. Uncommon fingerings are shown in black.

The dictionary is organized into four systems, each containing two staves (treble and bass clef) and a table of fingerings and deviations. Fingerings are listed above the notes, and deviations in cents are listed below. Some fingerings are in black, indicating they are uncommon.

System 1:

Pitch	Fingerings	Deviation (cents)
$\overset{\bullet}{8}$	$\overset{T}{\emptyset}$	
$\overset{\bullet}{9}$	$\overset{T}{1}$	$\sharp.05$
$\overset{\bullet}{10}$	$\overset{T}{23}$	$\flat.15$
$\overset{\bullet}{12}$	1	$\flat.20$
$\overset{\bullet}{14}$	13	$\sharp.10$
$\overset{\bullet}{15}$	$\overset{T}{\emptyset}$	$\flat.10$
$\overset{\bullet}{16}$	$\overset{T}{2}$	$\sharp.05$
$\overset{\bullet}{8}$	$\overset{T}{12}$	$\flat.05$
$\overset{\bullet}{10}$	$\overset{T}{13}$	
$\overset{\bullet}{12}$	\emptyset	$\flat.15$
$\overset{\bullet}{14}$	12	$\flat.10$
$\overset{\bullet}{15}$	$\overset{T}{2}$	$\flat.10$
$\overset{\bullet}{16}$	$\overset{T}{1}$	$\sharp.05$
$\overset{\bullet}{8}$	$\overset{T}{23}$	$\sharp.05$
$\overset{\bullet}{10}$	$\overset{T}{123}$	$\flat.15$
$\overset{\bullet}{12}$	2	
$\overset{\bullet}{14}$	23	

System 2:

Pitch	Fingerings	Deviation (cents)
$\overset{\bullet}{8}$	$\overset{T}{1}$	$\flat.10$
$\overset{\bullet}{9}$	$\overset{T}{12}$	$\sharp.05$
$\overset{\bullet}{10}$	\emptyset	$\flat.15$
$\overset{\bullet}{12}$	1	$\flat.10$
$\overset{\bullet}{14}$	13	$\sharp.10$
$\overset{\bullet}{15}$	$\overset{T}{12}$	$\flat.10$
$\overset{\bullet}{16}$	$\overset{T}{23}$	$\sharp.05$
$\overset{\bullet}{8}$	$\overset{T}{1}$	$\sharp.05$
$\overset{\bullet}{9}$	$\overset{T}{12}$	$\flat.15$
$\overset{\bullet}{10}$	$\overset{T}{13}$	$\sharp.20$
$\overset{\bullet}{12}$	2	
$\overset{\bullet}{14}$	12	
$\overset{\bullet}{15}$	123	
$\overset{\bullet}{16}$	$\overset{T}{\emptyset}$	$\flat.10$
$\overset{\bullet}{8}$	$\overset{T}{23}$	$\sharp.10$
$\overset{\bullet}{10}$	$\overset{T}{1}$	$\sharp.05$
$\overset{\bullet}{12}$	$\overset{T}{12}$	$\flat.15$
$\overset{\bullet}{14}$	$\overset{T}{13}$	
$\overset{\bullet}{15}$	\emptyset	$\sharp.05$
$\overset{\bullet}{16}$	1	$\flat.15$

System 3:

Pitch	Fingerings	Deviation (cents)
$\overset{\bullet}{6}$	$\overset{T}{2}$	$\flat.15$
$\overset{\bullet}{8}$	$\overset{T}{13}$	$\sharp.05$
$\overset{\bullet}{9}$	\emptyset	$\flat.10$
$\overset{\bullet}{10}$	2	$\sharp.05$
$\overset{\bullet}{12}$	12	$\flat.05$
$\overset{\bullet}{14}$	$\overset{T}{1}$	$\flat.20$
$\overset{\bullet}{15}$	$\overset{T}{13}$	$\sharp.10$
$\overset{\bullet}{16}$	$\overset{T}{123}$	$\flat.10$
$\overset{\bullet}{8}$	2	$\flat.10$
$\overset{\bullet}{9}$	1	$\sharp.05$
$\overset{\bullet}{10}$	23	$\sharp.05$
$\overset{\bullet}{12}$	$\overset{T}{\emptyset}$	$\flat.15$
$\overset{\bullet}{14}$	$\overset{T}{12}$	$\flat.10$
$\overset{\bullet}{15}$	$\overset{T}{123}$	$\flat.10$
$\overset{\bullet}{16}$	1	$\flat.10$
$\overset{\bullet}{8}$	$\overset{T}{2}$	$\flat.15$
$\overset{\bullet}{9}$	$\overset{T}{12}$	$\sharp.20$
$\overset{\bullet}{10}$	$\overset{T}{13}$	$\sharp.20$
$\overset{\bullet}{12}$	2	$\sharp.20$
$\overset{\bullet}{14}$	13	
$\overset{\bullet}{15}$	123	

System 4:

Pitch	Fingerings	Deviation (cents)
$\overset{\bullet}{5}$	$\overset{T}{2}$	$\flat.15$
$\overset{\bullet}{6}$	$\overset{T}{23}$	$\sharp.05$
$\overset{\bullet}{8}$	12	$\flat.10$
$\overset{\bullet}{9}$	$\overset{T}{\emptyset}$	$\sharp.05$
$\overset{\bullet}{10}$	$\overset{T}{1}$	$\flat.15$
$\overset{\bullet}{12}$	$\overset{T}{13}$	$\sharp.10$
$\overset{\bullet}{14}$	\emptyset	$\flat.10$
$\overset{\bullet}{15}$	23	$\flat.10$
$\overset{\bullet}{16}$	13	$\sharp.10$
$\overset{\bullet}{8}$	$\overset{T}{\emptyset}$	$\sharp.05$
$\overset{\bullet}{9}$	$\overset{T}{12}$	$\flat.15$
$\overset{\bullet}{10}$	$\overset{T}{13}$	$\sharp.20$
$\overset{\bullet}{12}$	2	$\sharp.20$
$\overset{\bullet}{14}$	13	
$\overset{\bullet}{15}$	123	