

Overtone Series Chart for Tenor Trombone

Micah Everett
University of Mississippi
olemiss.edu/lowbrass

The chart displays the overtone series for a Tenor Trombone across 24 partials. The notes are organized into columns corresponding to different fingerings: 1, 2, 3, 4, 5, V1, V2, V3, V4, V5, and V6. The notes are written on a grand staff (treble and bass clefs) for each partial. The partials are labeled on the left with their corresponding fingering and quality (e.g., '24th Partial (Sharp--Lower Slightly)').

Partial	Quality	1	2	3	4	5	V1	V2	V3	V4	V5	V6
24th Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
23rd Partial	(Very Sharp--Lower Much)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
22nd Partial	(Very Flat--Raise Much First Position Unusable)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
21st Partial	(Very Flat--Raise Much First Position Unusable)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
20th Partial	(Flat--Raise Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
19th Partial	(Flat--Raise Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
18th Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
17th Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
16th Partial	(Normal)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
15th Partial	(Flat--Raise Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
14th Partial	(Very Flat--Raise Much First Position Unusable)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
13th Partial	(Very Sharp--Lower Much)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
12th Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
11th Partial	(Very Flat--Raise Much First Position Unusable)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
10th Partial	(Flat--Raise Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
9th Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
8th Partial	(Normal)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
7th Partial	(Very Flat--Raise Much First Position Unusable)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
6th Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
5th Partial	(Flat--Raise Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
4th Partial	(Normal)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
3rd Partial	(Sharp--Lower Slightly)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
2nd Partial	(Normal)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴
Fundamental	(Normal)	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴	B ⁴

Fingering Guide:
 Number Only -- Open. No valves engaged.
 V(number) -- Position with F-attachment engaged.