

Figure 6.12. Trumpet Harmonic Series

### Trumpet Harmonic Series

\* (shaded notes indicates a partial which is unstable or rarely used.)

10th partial Flat							
9th partial Slightly Sharp							
8th partial In Tune							
7th partial Extremely Flat							
6th partial Sharp							
5th partial Slightly Flat <small>(varies by instrument)</small>							
4th partial In Tune							
3rd partial Slightly Sharp							
2nd partial In Tune							
Fundamental <small>(Not used)</small>							

Valves:

Note: Chart indicates general pitch tendencies of the harmonic series; degree of tendency may vary by instrument.

#### Tuning the Trumpet

As a starting point, push the slides all the way in, and then pull out the main tuning slide 1/2"–1"

<p>Play C (Concert Bb)</p>	<p>Tune with <b>Main slide</b> (with the aid of a tuner or sounding pitch.)</p> <p>If flat, push in on Main Slide. If sharp, pull out on Main Slide.</p>	<p><i>Tip:</i> It is easier to hear the pitch approached from below.</p>
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