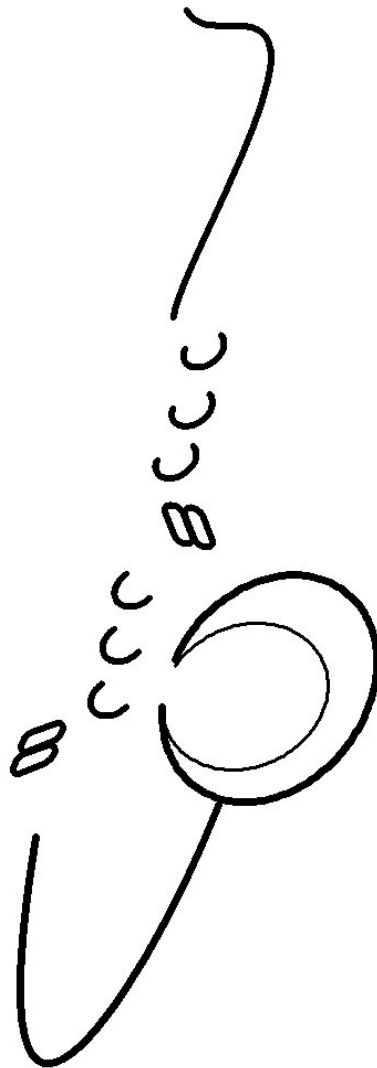


Staldophone

Fingering Chart

Tenor

by
Hans Ulrich Stalder



Under construction!

Preamble

The origin of the Staldophone lies in the tenor saxophone. In contrast to the saxophone, the Staldophone relies on playing overtones. Of course, this requires an adapted learning method. Instead of around 22 keys and pushers, the Staldophone only has ten keys (peeling the onion). With these few keys and a few special grips, all tones can be generated over several octaves in semitone steps. The remaining attachments, such as buttons and the whole mechanism, as well as the thumb rest / thumb hook are therefore reduced to a minimum. Therefore, the horn can be constructed with just a few assemblies, from the music stand holder (marching fork holder) to the horn bow. This allows the horn to vibrate more freely the entire way. This contributes significantly to the sound improvement. The present Staldophone Horn is inexpensive and easy to manufacture. To put it bluntly, it is a fine sounding horn, which is much more than just a “stripped down” tenor saxophone.

Copyright

The designation "Staldophone" (German: Staldofon / Staldophon) with the underlying musical instrument is protected by copyright.

Additional Information

The following links provides further information about the Staldophon:

<https://www.quantophon.com/Staldophone.pdf> - English
<https://www.quantophon.com/Staldofon.pdf> - German

Fingering chart explanation

Note image → Pitch
Easiest sound → Basic fingerings and for beginners.
Natural semi tones → Physically best pitch, Grip pattern, Partial tone, Piano-Frequency
Best sound → Generally longest tube, therefore rich in overtones.
Shawm sound → Sharp and nasal sound.

PTn = Partial tone

Easiest Sound: some people manage the upper notes better with "Natural semi tones".




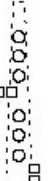
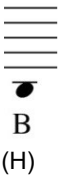


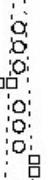



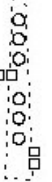


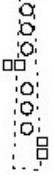
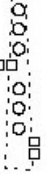



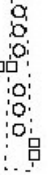



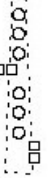
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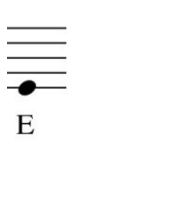
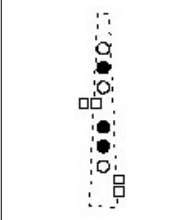
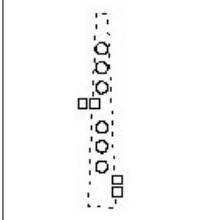
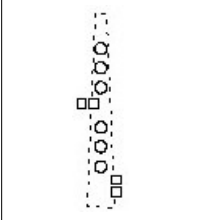
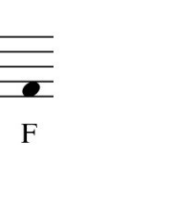
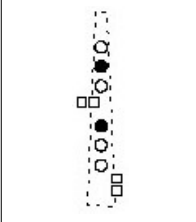
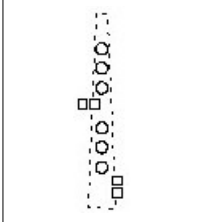
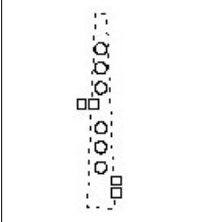

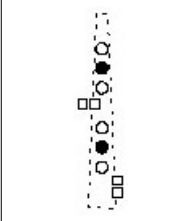
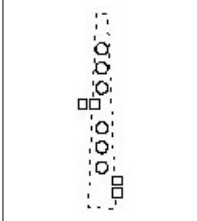
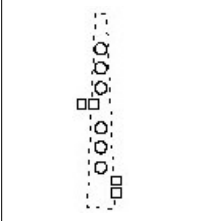
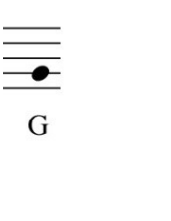
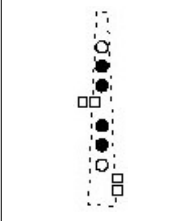
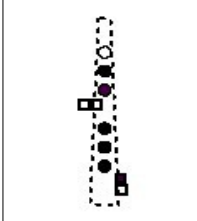
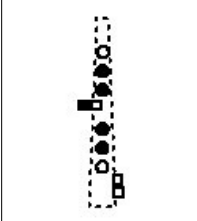
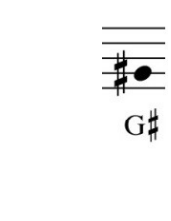
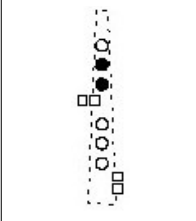
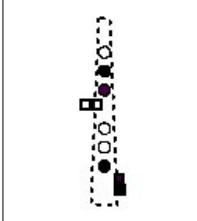
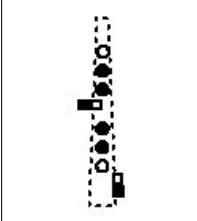
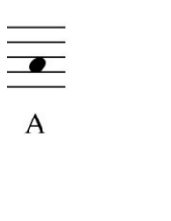
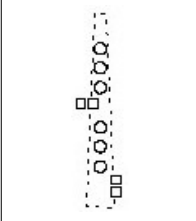
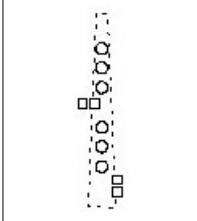
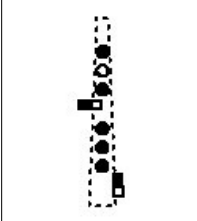
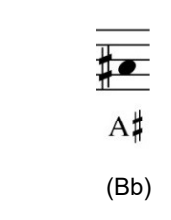
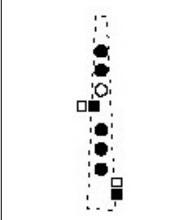
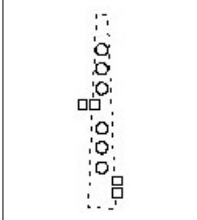
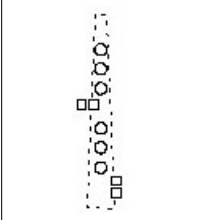
It should be noted that the Tenor-Staldophone sounds a ninth (None) lower than the note image shows.


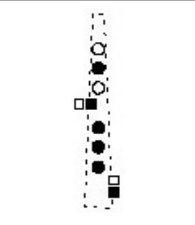
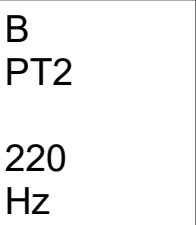
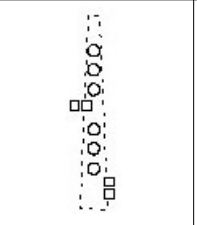

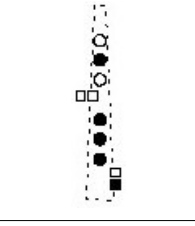
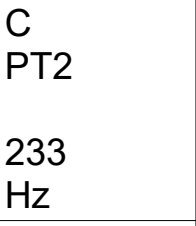
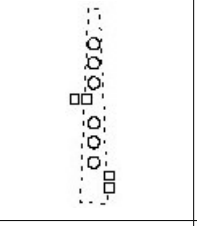
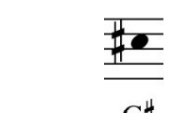
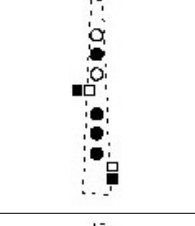
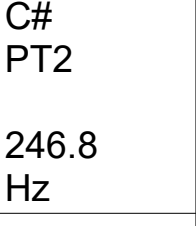
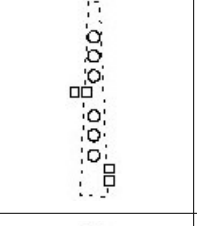

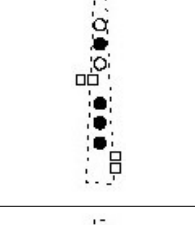
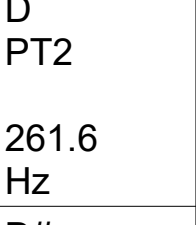
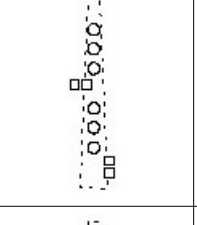

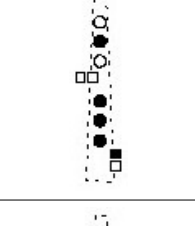
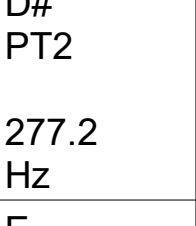
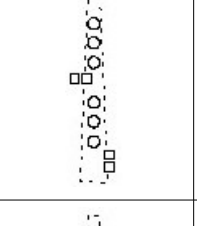

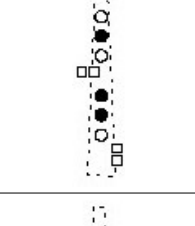
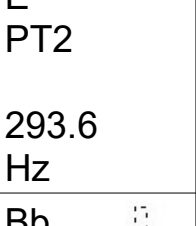
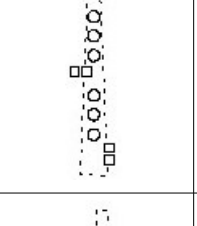

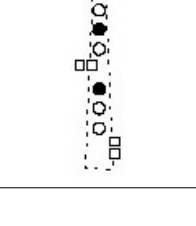
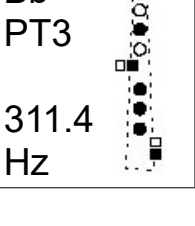
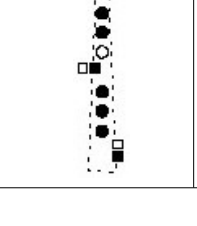
Staldophone Fingering chart – Tenor middle part





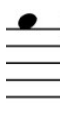



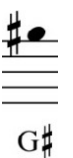






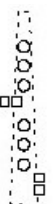




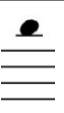




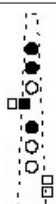

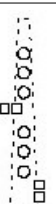
Left note image position = Piano white keys

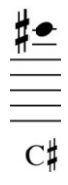





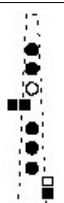





















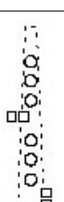

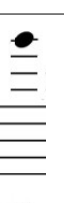




Right note image position = Piano black keys







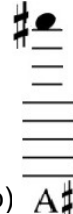
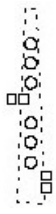
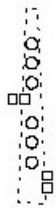












Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
 <p>A# (Bb)</p>		<p>Bb PT1</p> <p>104 Hz</p>				
 <p>B (H)</p>		<p>B PT1</p> <p>110 Hz</p>				
 <p>C</p>		<p>C PT1</p> <p>116.5 Hz</p>				
 <p>C#</p>		<p>C# PT1</p> <p>123.4 Hz</p>				
 <p>D</p>		<p>D PT1</p> <p>130.8 Hz</p>				
 <p>D#</p>		<p>D# PT1</p> <p>138.6 Hz</p>				

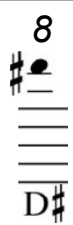

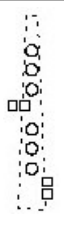














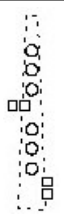
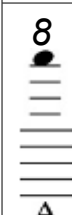

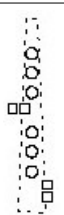
Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
 <p>E</p>		<p>E PT1</p> <p>146.8 Hz</p>				
 <p>F</p>		<p>F PT1</p> <p>155.5 Hz</p>				
 <p>F#</p>		<p>F# PT1</p> <p>164.8 Hz</p>				
 <p>G</p>		<p>G PT1</p> <p>174.6 Hz</p>				
 <p>G#</p>		<p>G# PT1</p> <p>185 Hz</p>				
 <p>A</p>		<p>A PT1</p> <p>196 Hz</p>				
 <p>A# (Bb)</p>		<p>Bb PT2</p> <p>207.6 Hz</p>				

Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
 B (H)		B PT2 220 Hz				
 C		C PT2 233 Hz				
 C#		C# PT2 246.8 Hz				
 D		D PT2 261.6 Hz				
 D#		D# PT2 277.2 Hz				
 E		E PT2 293.6 Hz				
 F		Bb PT3 311.4 Hz				

























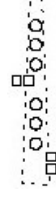
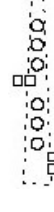
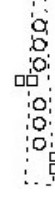
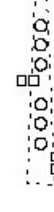



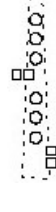
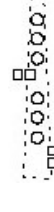
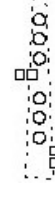
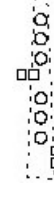
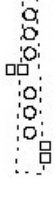
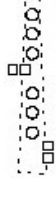
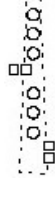
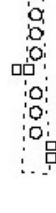
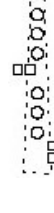
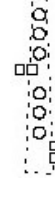
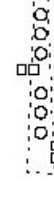
Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
 F#		B PT3 329.6 Hz				
 G		C PT3 349.2 Hz				
 G#		C# PT3 370 Hz				
 A		D PT3 392 Hz				
 A# (Bb)		Bb PT4 415.3 Hz				
 B (H)		B PT4 <u>440</u> Hz				
 C		C PT4 466 Hz				

Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
 <p>C#</p>		<p>C# PT4 493.8 Hz</p> 				
 <p>D</p>		<p>D PT4 523.2 Hz</p> 				
 <p>D#</p>		<p>B PT5 ↑ 554 Hz</p> 				
 <p>E</p>		<p>E PT4 587.3 Hz</p> 				
 <p>F</p>		<p>Bb PT6 622.2 Hz</p> 				
 <p>F#</p>		<p>B PT6 659.2 Hz</p> 				
 <p>G</p>		<p>C PT6 698.4 Hz</p> 				

Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
 G#		C# PT6 740 Hz				
 A		D PT6 784.8 Hz				
 (Bb) A#		Bb PT8 830.4 Hz				
 B (H)		B PT8 880 Hz				
 C		C PT8 932 Hz				
 C#		C# PT8 987.2 Hz				
 D		D PT8 1046.4 Hz				

Note image	Easiest sound	Natural semi tones	Best sound	Shawm	Double tone / + Duodecime	Personal remarks
		C# PT9 ↓1110.6 Hz				
		E PT8 1174.4 Hz				
		Bb PT12 1245.6 Hz				
		F# PT8 1318.4 Hz				
		G PT8 1396.8 Hz				
		C# PT12 1480.8 Hz				
		A PT8 1568 Hz				

Worksheet

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