

Flügelhorn mouthpieces

The tradition of brass music in rural areas would be unthinkable without the Flügelhorn, which apart from others forms the basis for the typical sound of our traditional Austrian music.

This legato instrument harmonises very well with vocals, which should however not be spoiled by a trumpet-like sound picture caused by the Flügelhorn. It should submit to the singer's voice and emphasise it. The trumpet-like sound should be audible in bright colours and the typical sound of the Flügelhorn should stand out in softness and with a wide range of tones. In most cases however, trumpet mouthpieces are used for Flügelhorns, which neither fit measurements nor meet the sound expectations of the instrument.

Basically referring to the mouthpiece, a distinction between the German Flügelhorn with its rotary valves and the Flügelhorn with its piston system should be made. In contrast to the piston trumpet, the bore of the mouthpiece should be wider than the one for a rotary system. Piston-Flügelhorns are mainly used for Jazz and modern music and the desired sound picture is mostly dark, smoky, i.e. groovy.

Apart from all individuality my recommendation would be to choose a 3.8mm bore for a Flügelhorn with rotary valves. A bore of more than 4.0mm creates a tone that is too rough and not enough accentuated and a bore of less than 3.6mm is not very recommendable, as the tone would be too shrill and sharp. These recommendations are applicable, if the cup of a mouthpiece is deeper than the one of a very deep trumpet mouthpiece, and if the cup is very V-shaped.

Because of its design the Flügelhorn mouthpiece has a wider back bore than the trumpet mouthpiece.

The German Flügelhorn has a mouth pipe width of 11.3mm, whereas the French, the American and the YAMAHA Flügelhorn have mouth pipe widths of 10.3mm. Sometimes the Czech instruments have the same small mouth pipe width of 10.3mm (Amati), despite their rotary valves.

Consequently we assist the customer in realising his/her sound expectation by finding the best fitting bore to the respective shank, or by providing an individualised bore, according to the customer's request.

At present our assortment comprises ten Flügelhorn mouthpieces.

Preview of models – Flügelhorn mouthpieces

designation	model	depth	bore Ø
F9	G3F	S	3,80
F8	G2F	M	3,80
F7	FN	T	3,80
F6	G1F	T	3,80
F5	G13F	MT	3,90
F4	G12F	T	3,80
F3	G11F	MT	3,80
F2	38	MT	3,80
F1	42	TT	4,20
F0	43	TT	4,30

Complete Flügelhorn mouthpieces F6, F8 and F9 are produced as a complete model with rim contour "G" as well as a module model (two parts).

Normally two-piece versions of all our models are produced. The advantage of such a model is that all the various rims of the trumpet module system can be used.

Comparison of the shapes of different Flügelhorn cups

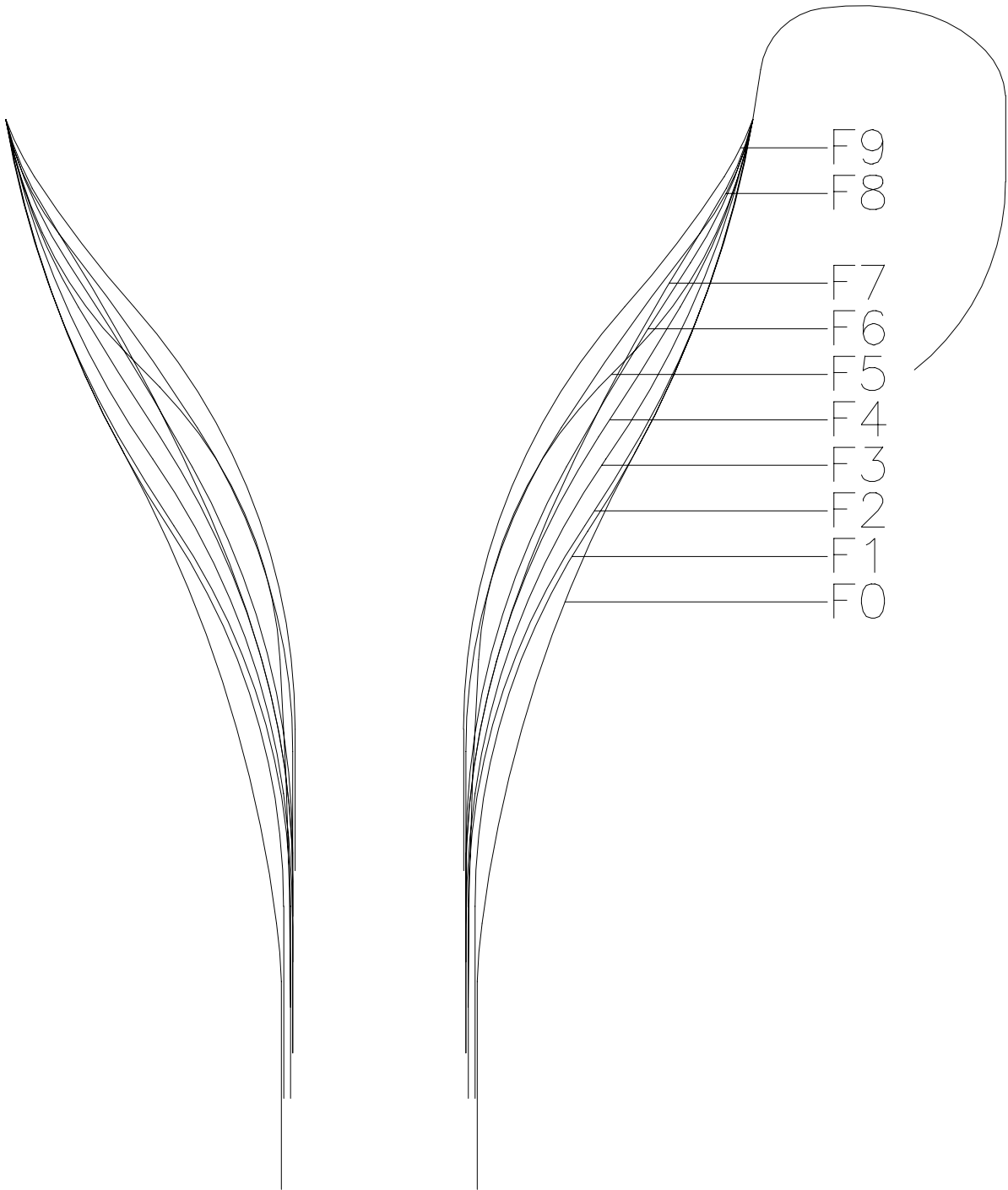


Figure 6: Flügelhorn cups