

Approximate Backbore Comparison Chart Compiled by Ben Smalley				
Warburton Model	Bach	Schilke	Reeves	Giardinelli
1	No Equivalent	No Equivalent	No Equivalent	1
1*	No Equivalent	No Equivalent	No Equivalent	1
2	No Equivalent	AA	No Equivalent	1
2*	No Equivalent	AA	69, 692	1
3	No Equivalent	A	69, 692	No Equivalent
3*	No Equivalent	A	69, 692	No Equivalent
4	No Equivalent	No Equivalent	69, 692	No Equivalent
4*	No Equivalent	No Equivalent	2	No Equivalent
5	No Equivalent	No Equivalent	2	2
5*	76, 41	No Equivalent	3	2
6	76, 41	B	3	2
6*	76, 41	B	3	3
7	No Equivalent	No Equivalent	4	3
7*	Standard 10	No Equivalent	4	3
8	Standard 10	C	5	4
8*	Standard 10	C	5	4
9	3, 24	D	No Equivalent	4
9*	3, 24	D	No Equivalent	4
10	7 (SCHMITT)	E	No Equivalent	5
10*	117	D	No Equivalent	4
11	No Equivalent	No Equivalent	No Equivalent	5
11*	87	No Equivalent	No Equivalent	5
12	87	No Equivalent	No Equivalent	No Equivalent
12*	87	No Equivalent	No Equivalent	No Equivalent

Trumpet Backbores: (top)

1, 2, 3 - Our tightest commercial sounding backbores. These models have a concentrated and intense sound. The #3 is the most popular of this series. It offers a bright, projecting sound that is great for lead players and outdoor work.

4, 5, 6 - Tight to medium. With progressively less resistance, these models produce a bright and very projecting tone. The #5 is by far our most popular with strong lead players.

Q Backbore - New in 2004, the Q is our most aggressive backbore, preferred by lead players who also need to maintain dominance in the middle register without spreading or over-loosening their chops. [More info on the Q backbore...](#)

Qm Backbore - New in 2008, the Qm is a slight modification to the Q backbore. A modified taper in the venturi section slightly compresses the air column to increase velocity before releasing the air into the main body of the backbore. The result - An exciting commercial sound with an intense center.

NY Backbore - This backbore was inspired by the sound of the old Giardinelli #3 (default) backbore made popular by Maynard and others in the '70's. The New York sound was broad, bright, and acoustically loud - which are also the qualities of this backbore. Resistance is just a bit tighter than our #5.

KT Backbore - Added to the line in mid 1987, this backbore appeals to commercial/lead players and is characterized by its projection and secure slotting of notes above high C. The comparative resistance falls in the 4, 5, 6 series.

7, 8, 9 - Medium large sizes. The #7 has been the best selling model because it provides a good balance of sound quality acceptable in the orchestra as well as the concert band. Models #8 and #9 are very well received by the orchestra player who appreciates the increased volume of sound with less resistance.

10, 11, 12 - Very large "Symphonic" sizes. These models have very little resistance and offer the strong player the potential for the ultimate in full, rich sound.

Schilke Piccolo Trumpet - These "S" backbores were designed to enhance response on the Schilke P5-4 piccolo trumpet. They are identical to our standard cornet backbores, but have a narrower exterior taper. The most popular models are the S10 and S10-star.