



Schilke

Mouthpieces
for Brass

The Mark Of Excellence

Schilke Mouthpieces

www.ozwinds.com.au



The Schilke Mouthpiece Labeling System

When a standard model Schilke mouthpiece has a standard backbore, rim and cup, only the cup diameter (first number) is shown on the mouthpiece to designate the model number. For example, in the case of the model #14 trumpet mouthpiece, it is only necessary to identify the mouthpiece with the first number because it has a standard 'C' cup, standard '3' rim and standard 'c' backbore. It could be cataloged as a 14C3c but the nomenclature was dropped, since the remaining variables are standard. The model 14A4a has a shallower 'A' cup, flatter '4' rim shape, and a tighter 'a' backbore than the #14 model.

Regarding the Schilke mouthpiece numbering system, using the model 14A4a as an example:

14 refers to "Cup Diameter" = smallest numbers have the smallest diameters. Diameter size increases as the number increases.

A refers to "Cup Volume"

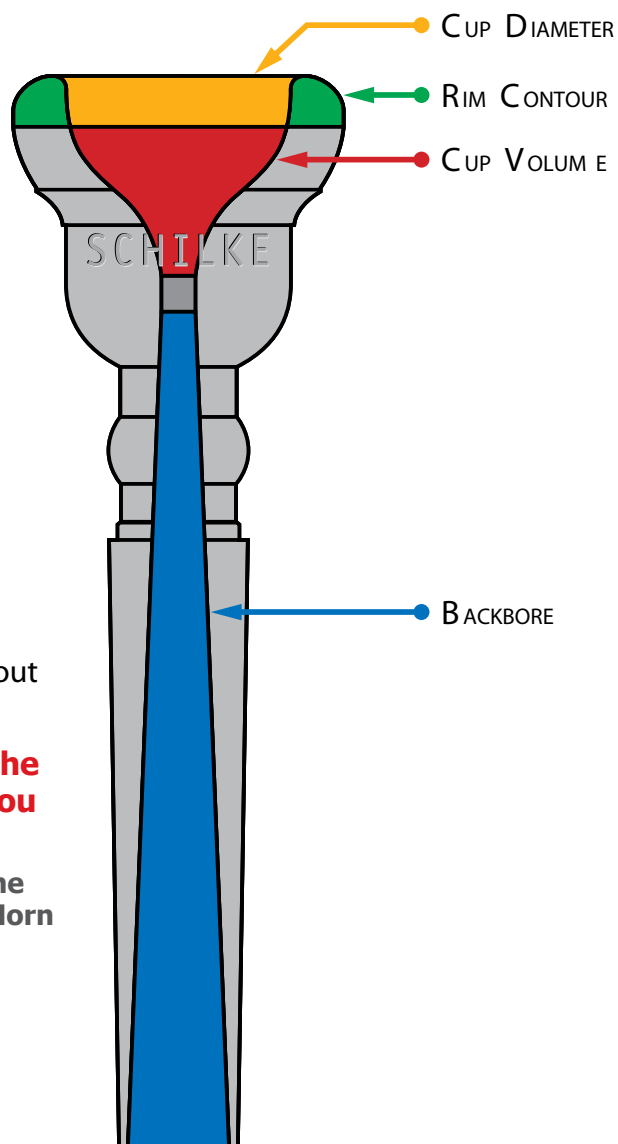
- A. Small – shallow
- B. Medium small
- C. Standard (medium size)
- D. Medium Large
- E. Large

4 refers to "Rim Contour"

- 1. Roundest
- 2. Semi-Round
- 3. Standard
- 4. Semi-flat
- 5. Flattest

a refers to "Backbore"

- a. Tight
- b. Straight – slightly more open
- c. Standard
- d. Medium Large- slightly curved out
- e. Large



When ordering a mouthpiece use one of the following prefixes with the mouthpiece you are after.

Schtpt -	Trumpet	Schtb -	Trombone
Schtbs-	Symphony	Schfh -	French Horn
Schct -	Cornet	Schtub -	Tuba

Trumpet / Cornet Mouthpieces
Trombone Mouthpieces
Symphony Trombone Mouthpieces
Tuba Mouthpieces
French Horn

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T rumpet and C ornet

As is generally known, the diameter of the shank of a cornet is smaller than that of a trumpet. Most Schilke models are available for both the trumpet and cornet. In general, a slightly larger cup and throat favors the cornet tone.

When ordering Schilke mouthpieces please indicate model nomenclature and whether a trumpet or cornet mouthpiece is desired. If this information is omitted, a trumpet mouthpiece will automatically be supplied.



Trumpet and Cornet Mouthpiece Descriptions

Model	mm	inches	Description
5A4	15.84	.624	New – Small cup diameter with shallow “A” cup and semi-flat rim offers comfort and resistance in the upper register.
6A4a	15.99	.630	A shallow ‘A” cup with cushion #4 rim for extreme high register work.
7B4	16.08	.633	Excellent for the player with thin lips. A #4 rim provides good endurance with a brilliant tone.
8A4	16.25	.640	The slightly funnel-shaped cup at the entrance to the throat provides a good tone and the #4 semi-flat rim gives superior endurance.
8E2	16.15	.636	The deep funnel-shaped cup provides a smooth tone and is very flexible in all registers. Recommended for cornet players.
9	16.33	.643	Standard characteristics allow for a full penetrating tone quality.
9C4	16.36	.644	Like the #9, however the #4 semi-flat rim provides excellent endurance.
10A4a	16.43	.647	The combination of the shallow “A” cup, semi-flat #4 rim and tight “a” backbore assists with upper register work.
10A4	16.43	.647	Same as the 10A4a but with a standard “c” backbore, which offers less resistance.
10B4	16.43	.643	A medium-small funnel-shaped “B” cup offers both a quality sound and support in the register
11A	16.51	.650	This rim size and contour is similar to the #11 but with a shallower “A” cup.

Schilke Mouthpieces

T rumpet and C ornet

Model	mm	inches	Description
11Ax	16.51	.650	This model was developed for the Schilke piccolo trumpets. The "x" backbore improves the ease of playing and opens up the sound on the piccolo. Also available in a trumpet shank.
11C2	16.51	.650	Similar to the #11 featuring a slightly rounded #2 rim contour.
11	16.53	.653	A superior mouthpiece with standard characteristics for a free blowing mouthpiece.
11D4	16.58	.653	Slightly deeper than the #11 with a #4 semi-flat rim, which provides a definite cushion feel for endurance.
11E	16.58	.653	The large funnel-shaped cup encourages a big round tone, ideal for cornet.
12A4a	16.71	.658	Similar to the 12B4 but with a shallow "A" cup, tight "a" backbore, which adds both endurance and range.
12A4	16.71	.658	This mouthpiece is the same as a 12A4a but with a standard "c" backbore.
12B4	16.71	.658	This medium-small conical "B" cup provides a full tone and the #4 semi-flat rim allows for more endurance.
12	16.69	.657	A traditional medium size mouthpiece that includes a #3 standard rim and "c" backbore allows the player a full spectrum of sound.
13A4a	16.76	.660	The shallow "A" cup, semi-flat #4 rim and tight "a" backbore creates an ideal lead mouthpiece.
13A4	16.76	.660	Same as the 13A4a but with the standard "c" backbore which allows a freer blowing feel.
13B	16.77	.660	This mouthpiece has a "B" cup that is slightly deeper than the 13A4 and also offers a narrower, round rim.
13	16.89	.665	New – Ideal choice for a student or developing player with standard #3 rim contour. Rounder rim provides increased flexibility and quick response. "C" cup offers volume for tone.
13C4	16.89	.665	A somewhat sharp inner-edge combined with a funnel-shaped "C" cup offers a clear tone. The #4 semi-flat rim adds increased endurance.

Schilke Mouthpieces



T rumpet and C ornet

Model	mm	inches	Description
13D4	16.89	.665	New – Best option for a player looking for a thick, rich, weighted sound. Medium large ‘D’ cup offers a tone that is colorful with depth. #4 semi-flat rim affords comfort with sharper bite for superior articulation clarity. Diameter ideal for all players from student to professional.
14A4a	17.09	.673	One of our most popular mouthpieces, the 14A4a offers a shallow “A” cup, semi-flat #4 rim and tight “a” backbore allows a player a strong upper register without sacrificing tonal production.
14A4	17.09	.673	Same as the 14A4a but with a standard “c” backbore which offers a more “open” feel.
14A4x	17.09	.673	Based on the popular 14A4a, this mouthpiece creates a very open blowing feel with the large “x” backbore. This backbore improves the ease of playing and opens up the sound of our piccolo trumpet. Also ideal for Eb soprano cornet.
14B	17.02	.670	Similar to the #14 but with a “B” (medium-small) cup size.
14C2	17.02	.670	This “C” cup and #2 semi-rounded rim produces a rather large tone and good center.
14	17.02	.670	With a standard rim, cup and backbore, the 14 is an excellent choice for all-around playing.
15A4a	17.14	.675	A larger diameter mouthpiece with a shallow “A” cup and tight “a” backbore for upper register playing. #4 semi-flat rim offers comfort in upper register.
15A4	17.14	.675	Same as the 15A4a but with a larger “c” backbore for an open feel.
15B	17.12	.674	With the same diameter as the #15, this mouthpiece includes “B” style cup which produces a more brilliant sound than the standard #15 mouthpiece.
15	17.12	.674	An excellent all-around mouthpiece which offers a free blowing, clear sound.
15C4	17.14	.675	This mouthpiece is similar to the #15 but with the #4 semi-flat rim for increased endurance.
16B4	17.20	.677	New – Same as the #16C4 except the shallower, medium-small “B” cup offers more resistance, providing a brighter quality of sound. The 16B4 is excellent choice for Eb trumpet when a player requires a bigger rim diameter.
16C4	17.20	.677	Similar to the 16 in dimensions, this mouthpiece offers our #4 semi-flat rim for a more traditional feel and increased endurance.

Schilke Mouthpieces

T rumpet and C ornet

Model	mm	inches	Description
16	17.20	.677	With all the standard Schilke characteristics, this medium-large diameter mouthpiece produces a full, free blowing quality.
16C2	17.20	.677	This model offers the same options as the 16, but instead offers a #2 rim for increased flexibility.
17B4	17.33	.682	New – Well suited for the player looking for a shallower cup in a larger diameter. Medium-small “B” cup offers more brilliance for projection with #4 semi-flat rim for comfort.
17	17.33	.682	A compromise of all the medium characteristics, this mouthpiece is an excellent medium to large diameter mouthpiece.
17D4	17.33	.682	This mouthpiece includes a deeper “D” cup and #4 semi-flat rim for improved endurance.
17D4d	17.33	.682	A larger blowing mouthpiece than the 17D4 because of the increase “d” backbore.
18B4	17.52	.690	New – Ideal for a classical player looking for a commercial sound, the medium shallow cup and semi-flat rim provide resistance and comfort for upper register playing. Cup shape offers some sparkle in the sound with enough volume for tone.
18	17.52	.690	The high point being nearer to the center makes this mouthpiece feel smaller than it is. The standard characteristics produce a rich, brilliant tone
18C3d	17.52	.690	Similar in dimension to the 18 but with a larger “d” backbore producing a large, teutonic tone.
19	17.65	.695	The “C” cup, #3 rim and standard “c” backbore are similar to the #20 but with a slightly smaller diameter
20	17.78	.700	This large diameter is for the robust embouchure. Original mouthpiece of choice for Renold O. Schilke.
20D2d	17.73	.698	Similar to the #20 in diameter but includes a larger “D” style cup, #2 semi-round rim and larger “d” backbore.
22	18.03	.710	Similar to the #20 but with a larger inside diameter.
24	18.29	.720	Our largest cup diameter offered. This mouthpiece provides a huge volume of sound.

Schilke Mouthpieces



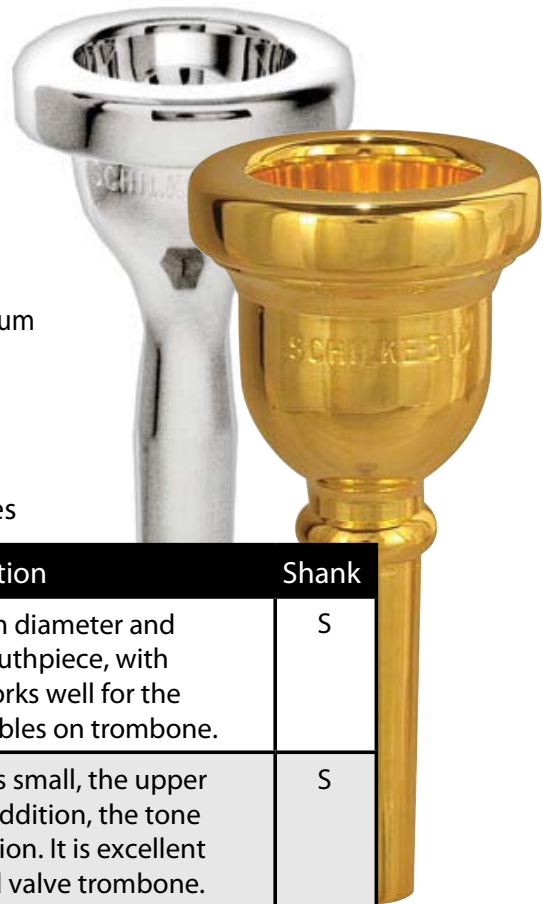
F rench H orn Mouthpieces

French Horn Mouthpiece Descriptions

Model	mm	inches	Description
27	16.25	.640	A narrow diameter and thin rim creates a special mouthpiece for the first horn player.
28	16.15	.636	A true "French" model mouthpiece having a small cup and throat that definitely favors the high register. Recommended for the Descant Horn.
29	17.53	.690	Offers a balanced option that is very adaptable to both the younger player and the professional needing a stronger upper register with a large rim diameter, standard rim contour, cup, and smaller bore.
30B	16.92	.666	This model was designed with a smaller "B" style cup and thin, flat rim.
30	17.03	.670	The original Farkas Model, the wide rounded rim and fairly deep cup makes the 30 a good all-around mouthpiece for the experienced player.
31	17.14	.675	This model has a V shaped cup, thicker standard rim and a slightly larger diameter to aid in producing a greater volume of sound.
31B	17.40	.687	A wide rim with a higher center point and a medium depth bowl shaped cup produces a rich, dark tone.
31C2	17.43	.688	The 31C2 has a very thin rim and medium-large cup offering a great volume of tone.
32	17.83	.702	The extra large cup diameter, cup volume, and backbore produces a rich, dark tone color.

Schilke Mouthpieces

Tenor Trombone,
Euphonium and Bass



S = Small shank for Tenor Trombone, Baritone or Euphonium

L = Large shank for Large Bore Tenor Trombone, Baritone or Euphonium

E = European shank for Euphonium

B = Bass Trombone

Tenor Trombone, Euphonium and Bass Mouthpieces

Model	mm	inches	Description	Shank
40B	22.51	.886	Extremely small inner rim diameter and shallow "B" cup. This mouthpiece, with its wide-rounded rim, works well for the trumpet player who doubles on trombone.	S
40	22.53	.887	Since the cup diameter is small, the upper register is improved. In addition, the tone has considerable projection. It is excellent for the bass trumpet and valve trombone.	S
42B	22.99	.905	Contour profile – this mouthpiece is well suited for the small tenor trombone and lead/commercial playing.	S
42	23.22	.914	Slightly larger diameter and deeper than the 42B, the 42 features a standard "C" cup.	S
43A	23.57	.927	Contour profile – this mouthpiece was designed for the lead trombone player desiring an easy high register.	S
44E4	24.28	.956	Though a small cup diameter, this mouthpiece offers a very deep "E" cup and semi-flat #4 rim.	S L
45B	24.30	.956	Contour profile – designed for the lead trombone player with a larger cup volume than the 43A.	S
45	24.38	.960	The semi-flat rim has a high point close to the center of the mouthpiece, which allows for a great deal of flexibility. Ideally suited for the beginning trombone player.	S
46	24.54	.966	Slightly larger than the 45, this is also a good beginner's mouthpiece.	S L
46D	24.76	.975	The cup diameter and volume is slightly larger than the 46, producing a full, resonant tone. Also recommended for the younger baritone/euphonium player.	S L

* Contour profile pictured in silver above

Schilke Mouthpieces

Tenor Trombone and Euphonium

Model	mm	inches	Description	Shank
47B	24.87	.979	Contour profile – This mouthpiece is a good all-around mouthpiece for the jazz player that is requiring quick response and a resonant high register.	S
47	24.99	.984	For both professionals and students alike, this outstanding mouthpiece combines good response with superior tone quality and intonation.	S L
47C4	25.10	.988	Like #47 but with a slightly wider, semi-flat #4 rim.	S L
50	25.40	1.00	Particularly adapted to the medium and large-bore tenor trombones. The Schilke standard options make this a fine all-around mouthpiece.	S L
51B	25.63	1.010	This mouthpiece incorporates a large diameter with a medium-small “B” cup and small throat	S L
51	25.63	1.010	A large bowl shaped cup producing a rich tone quality. Ideally suited for large bore tenor and orchestral performers.	S L E
51C4	25.63	1.010	Similar to the #51 with a slightly shallower cup, smaller throat and semi-flat #4 rim.	S L
51D	25.55	1.005	One of our most popular, this mouthpiece offers a very large “D” cup and is excellent for the strong player. It is particularly suited for the Euphonium, producing a full dark tone.	S L E
52	25.78	1.015	Slightly larger diameter than the 51, this mouthpiece produces a slightly broader sound.	S L
52D	25.78	1.015	Like the 51D, the large “D” cup makes this mouthpiece ideal for symphonic trombone playing. Also a good choice for the Euphonium player requiring a larger diameter than the 51D.	S L E
52E2	25.91	1.020	With its extremely deep “E” cup and narrower, rounder #2 rim makes this mouthpiece an ideal symphonic choice for the robust player. Also a good choice for Euphonium player requiring more cup volume than the 52D.	S L
53	26.24	1.033	This combination of large cup diameter and bowl shape is widely favored by those who desire a rich full sound.	S L

Schilke Mouthpieces



Bass Trombone

Model	mm	inches	Description	Shank
57	26.52	1.044	This model is an excellent choice for those who play tenor and bass trombone.	B
58	27.68	1.090	A highly recommended mouthpiece for those who double on tenor and bass, and the full-time bass trombonist, combining both good intonation with great lower and upper registers.	B
59	28.52	1.123	An outstanding mouthpiece for the full-time bass trombonist, combining great intonation with excellent lower and upper registers.	B
60	29.03	1.143	Our largest bass mouthpiece offering a full body of sound for the experienced player.	B

Tuba Mouthpieces

Tuba Mouthpiece Descriptions

Model	mm	inches	Description
62	31.85	1.254	A superior standard mouthpiece with a good centered sound and easy response in the high and low register with good intonation. Also recommended for Eb or F tuba.
66	31.52	1.241	Designed from the original Helleberg, this mouthpiece offers a smaller inside cup diameter but still produces a rich tone quality with a wealth of volume.
SH	31.84	1.253	This Schilke "Helleberg" model offers a rim contour that is different from our #66. This mouthpiece produces a sound that is clear and dark.
67	32.41	1.276	Similar to the "SH" model, but slightly larger. The contour is also similar to the #66 but offers improved tonal response.
69C4	32.76	1.290	With a very comfortable rim and cup that is not too deep, the 69C4 offers an excellent characteristic sound and facilitates all registers of the instrument.



Schilke Mouthpieces

Symphony Series

Utilizing concepts from the standard Schilke mouthpiece line, the 'Symphony Series' models for trumpet, cornet, and trombone are large diameter mouthpieces offering a deep, vibrant sound with a well-focused center. They were developed to meet the demands of the modern orchestral player and have comfortable rim shapes that provide a nice clarity in attack.

Symphony Series Trumpet Mouthpieces

Symphony Series Trumpet Mouthpiece Descriptions



Symphony Series #1 Rim Comparison=Schilke 19/20 or 1C

M1	Standard bowl shape "C" cup with a 24 throat and Schmitt backbore. Excellent all around mouthpiece for both C and Bb trumpet.
M1D	Standard bowl cup with 24 throat and TIGHTER Schmitt backbore. Very good option for either Bb or Eb trumpet playing.
M1*	The "*" models share same rim and cup as the 'M' and "MD" models. They have a LARGER Schmitt backbore with a shorter throat that creates less resistance and a more open feel.
D1	Deeper bowl shape cup that still provides feedback for control. The 'D' cups have a smaller version of the Schmitt backbore, tighter to balance the deeper cup.
F1	The 'F' models offer a deep "V" shape cup that provides darker, warmer, more conical color allowing one to project at full capacity but maintain a soft mellow sound. These models utilize a shorter shank to compensate for cup volume plus a larger throat size & backbore taper.

Symphony Series #150 Rim Comparison=Schilke 18 or 1.25C

M150	Slightly smaller '150' Rim diameter, standard bowl shape "C" cup, 24 throat and Schmitt backbore.
M150D	Slightly smaller '150' Rim diameter, standard bowl shape "C" cup, 24 throat and TIGHTER Schmitt backbore.
M150*	LARGER Schmitt backbore with a shorter throat in a '150' rim diameter. More open feel.
D150	Deeper bowl shape cup in '150' rim diameter.
F150	'F' cup model with shorter shank in '150' diameter. Offers a dark, mellow sound.

Schilke Mouthpieces

Symphony Series Trumpet

Symphony Series #2 Rim Comparison=Schilke 16C4/17 or 1.5C	
M2	Slightly smaller '2' Rim diameter, standard bowl shape "C" cup, 24 throat and Schmitt backbore.
M2D	Slightly smaller '2' Rim diameter, standard bowl shape "C" cup, 24 throat and TIGHTER Schmitt backbore.
M2*	LARGER Schmitt backbore with a shorter throat in a '2' rim diameter. More open feel.
M2X	This model has the rim, throat, and backbore of a M2 but the cup shape of the M1 for slightly more cup volume.
D2	Deeper bowl shape cup in '2' rim diameter.
F2	'F' cup model with shorter shank in '2' diameter. Offers a dark, mellow sound.

Symphony Series #3 Rim Comparison=Schilke 15/14 or 3C	
M3	Slightly smaller '3' Rim diameter, standard bowl shape "C" cup, 24 throat and Schmitt backbore.
M3D	Slightly smaller '3' Rim diameter, standard bowl shape "C" cup, 24 throat and TIGHTER Schmitt backbore.
M3*	LARGER Schmitt backbore with a shorter throat in a '3' rim diameter. More open feel.
D3	Deeper bowl shape cup in '3' rim diameter.
F3	'F' cup model with shorter shank in '3' diameter. Offers a dark, mellow sound.

Symphony Series Cornet Mouthpieces

A deep traditional "V" shaped cup along with a larger rim diameter, intended for the player looking for the customary warm, rich cornet sound in the British band style while providing the required resistance and focus when playing fortissimo in the upper register.

Symphony Series Cornet Mouthpieces

Model	Description
V1	Rim Comparison=Schilke 19/20 or 1C
V150	Rim Comparison=Schilke 18 or 1.25C
V2	Rim Comparison=Schilke 16C4/17 or 1.5C
V3	Rim Comparison=Schilke 15/14 or 3C



Schilke Mouthpieces

Symphony Series Trombone Mouthpieces



Symphony Series Trombone Mouthpiece Descriptions

Symphony Series 5.1 Rim Comparison = Schilke 51/ 5G	
M5.1	A medium shallow cup that provides more brilliance, and projection due to additional high overtones in the sound core.
D5.1	A standard cup shape that provides a deeper bottom to the sound core and excellent articulation clarity. Resistance variables are ideal for a principal player.
D5.1*	For a more open feel with additional depth to the sound and greater flexibility, the standard cup with tapered throat provides slightly less resistance than the "D" model.

Symphony Series 5.2 Rim Comparison = Schilke 52/ 4G	
M5.2	A medium shallow cup that provides more brilliance with a larger rim diameter than the 5.1 models.
D5.2	A standard cup shape that provides a deeper bottom to the sound core.
D5.2*	Standard cup with tapered throat. More open than D5.2

Symphony Series 5.3 Rim Comparison = Schilke 53/ 3G	
M5.3	A medium shallow cup that provides more brilliance with a larger rim diameter than the 5.2 models.
D5.3	A standard cup shape that provides a deeper bottom to the sound core.
D5.3*	Standard cup with tapered throat. More open than D5.3

Symphony Series 6.0 Rim Comparison = Schilke 60/1G	
M6.0	This deep cup is similar to a standard 59 model yet maintains the rim diameter of a 60. It includes a large Schmitt backbore and more open "O" throat. It is an efficient, even playing mouthpiece that provides brilliance for maximum projection when desired.
D6.0	Slightly more open feel than a standard Schilke 60 while maintaining the same rim diameter. It includes a large Schmitt backbore and more open "O" throat. Maintaining efficiency, this extra large bowl provides more depth to the sound core with clarity and consistency at all dynamic levels.