



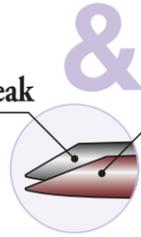
Clarinet

Bb

mouthpieces



Traditional Beak & Profile 88



The difference between “Profile 88” and Traditional mouthpieces is in the exterior angle of the beak. Therefore, the musician is free to choose the model which suits his purpose in terms of best playing position, easiest sound projection, greatest playing comfort, and the most controllable and precise articulation.



13 Series American pitch Profile 88

Vandoren has developed the “13 series” mouthpiece specifically for American clarinetists using A440 pitch. Four models have been originally developed with specific facings to this series: the M13, M13 Lyre, M15 and M30 mouthpieces. The “13 series” range also encompasses other models (traditional facings): 5RV, 5RV Lyre, B45, B40, B40 Lyre and M30 Lyre.

Bb mouthpieces	Traditional Beak	Profile 88	13 Series Profile 88	13 Series	TIP OPENING 1/100 mm	FACING LENGTH see page 34	RECOMMENDED REED STRENGTHS				COMMENTS
							3½ → 4	3½+ → 4½	3,5+ → 5	3,5 → 4,5	
M13			CM4138		100,5	L	3½ → 4	3½+ → 4½	3,5+ → 5	3,5 → 4,5	Rich, colorful sound. Very precise response. Meets every demand.
M13			CM4158		102-	ML	3½ → 4	3½+ → 4½	3,5+ → 5	3,5 → 4,5	More open, the same qualities as the M13, easier to play in the upper register. Its facing gives it a particularly pure sound.
M15	CM317	CM3178	CM4178		103,5	L	3½ → 5	3½+ → 5	4 → 5	3,5 → 4,5	Great articulation ease. Offers musicians a colorful spectrum of sound.
5RV	CM301	CM3018	CM4018		106,5	MS	3 → 4	3½ → 4	3,5 → 4	3,5 → 4	The time-proven standard for professional musicians. Quality and tradition.
5RV	CM302	CM3028	CM4028		109+	M	3 → 4	3½ → 4	3,5 → 4	3,5 → 4	More open than the 5RV with a longer facing.
BD5	CM1005*			CM1405*	113	M	3 → 3½	3 → 3½+	3 → 3,5+	3 → 3,5+	The perfect balance between a dark, rich, yet compact sound.
M30	CM3001	CM30018	CM40018		113,5	L	3 → 4	3½ → 4	3,5 → 4	3,5 → 4	Similar to the 5RV Lyre but with a larger tip opening and longer facing, it guarantees flexibility and roundness. This mouthpiece has an exceptional quality of sound.
M30	CM318	CM3188	CM4188		115	L	3 → 4	3½ → 4	3,5 → 4	3,5 → 4	Its facing length gives it great flexibility, a good balance between timbre and roundness.
BD4 NEW	CM1004*				115,5	ML	3 → 3½	3 → 3½+	3 → 3,5+	3 → 3,5+	This mouthpiece shares the same sound qualities as the BD5 and has a remarkable ease of emission and articulation.
B46	CM306	CM3068			117+	M	2½ → 3½	3 → 3½+	3 → 3,5+	3 → 3,5+	The mouthpiece best suited to musicians playing both clarinet and saxophone.
B40	CM319	CM3198	CM4198		117,5	L	2 → 3	2½ → 3	2,5 → 3,5	3 → 3,5+	The perfect blend between a round sound and rich tone color. Easy blowing especially in the upper register.
B45 ●	CM309	CM3098			119,5	ML	2½ → 3½	3 → 3½+	3 → 3,5	3 → 3,5+	Same technical characteristics as the B45 with a great blowing ease.
B45	CM308	CM3088	CM4088		119,5	ML	2½ → 3½	3 → 3½+	3 → 3,5	3 → 3,5+	The universal mouthpiece. With an intermediate tip opening and a medium-long facing, it is appreciated by most clarinetists.
B40	CM307	CM3078	CM4078		119,5	ML	2 → 3	2½ → 3½	2,5 → 3,5	2,5 → 3,5	Same facing as the B45 with a wider tip rail, it produces a compact and centered sound.
B45	CM312	CM3128			127	ML	2 → 3	2½ → 3½	2,5 → 3,5	2,5 → 3,5	Characterized by a particularly large tip opening, it offers a flexible, round sound and remains easy blowing.
BD7 NEW	CM1007*				133	L	2½ → 3	3 → 3½	3 → 3,5	3 → 3,5	Characterized by a larger tip opening and volume of sound, while keeping the round and compact sound of the BD5.
5JB	CM310	CM3108			147	L	1½ → 2	2½	2,5	2,5	THE jazz mouthpiece.
7JB	CM3007	CM30078			170	L	1 → 2				Mouthpiece for jazz and traditional music. Powerful and flexible sound.

* Specific beak

BLACK DIAMOND EBONITE (see page 14)



Clarinet

Bb



mouthpieces



Black Diamond Ebonite mouthpieces: a complete range for clarinets.



The Black Diamond Ebonite mouthpiece features a new internal and external design. These developments offer the musician a full sound, rich in depth and color, especially in the upper register of the clarinet.



NEW

The success of the Black Diamond BD5 mouthpiece for Bb clarinet has led us to develop two other facings: **BD4** and **BD7** to enlarge this series.



BLACK DIAMOND		Specific beaks <i>13 Series</i>		TIP OPENING 1/100 mm	FACING LENGTH see page 34	RECOMMENDED REED STRENGTHS				COMMENTS
Eb	BD5	CM125		114	ML	2½ → 3½	2½ → 3½	2,5 → 3,5	2,5 → 3,5	With exceptional ease to reach the upper register, the BD5 maintains a sound which is round and full. The new Standard for Eb clarinet.
Bb	BD5	CM1005	CM1405	113	M	3 → 3½	3 → 3½+	3 → 3,5+	3 → 3,5+	The perfect balance between a dark, rich, yet compact sound.
	BD5 D German	CM1805		113	M	2½ → 3½	2½ → 3½	2,5 → 3,5	2,5 → 3,5	Adaptation of the BD5 Black Diamond mouthpiece for Boehm Bb clarinet, the BD5 D is designed for German system clarinet while using French cut reeds. The perfect balance between a dark, rich, yet compact sound.
	BD4 NEW	CM1004		115,5	ML	3 → 3½	3 → 3½+	3 → 3,5+	3 → 3,5+	This mouthpiece shares the same sound qualities as the BD5 and has a remarkable ease of emission and articulation.
	BD7 NEW	CM1007		133	L	2½ → 3	3 → 3½	3 → 3,5	3 → 3,5	Characterized by a larger tip opening and volume of sound, while keeping the round and compact sound of the BD5.
Alto	BD5	CM135		140	L	2½ → 3½				Designed for Alto clarinet and Basset Horn, it provides a full sound, rich in depth and color, as well as an easy sound projection. This mouthpiece can be played not only with Alto Clarinet reeds but also with the Alto Sax version of the V21 reeds.
Bass	BD5	CM145		187	ML	2½ → 3½	2½ → 3½	2,5 → 3,5	2,5 → 3,5	The BD5 for Bass Clarinet is the first mouthpiece that allows one to play on Bass Clarinet with a feeling similar to that of a Bb Clarinet. Very responsive. Provides a very round and full bodied sound while requiring less air to do so.



Clarinet

other mouthpieces



Ab, Eb, Alto, Bass and Contrabass

		CODE	TIP OPENING 1/100 mm	FACING LENGTH	RECOMMENDED STRENGTHS			COMMENTS
				see page 34				
Eb	5RV	CM321	106,5	S	3→4	3→4	3→4	Easy blowing, very rich timbre.
	B44	CM322	110,5	M	2½→4	2½→4	2,5→4	The time-proven standard for musicians.
	B40	CM323	110,5	M	2→3	2½→3	2,5→3	With the same technical specifications as the B44, its wider tip rail offers a compact and centered sound.
	NEW BD5	CM125	114	ML	2½→3½	2½→3½	2,5→3,5	With exceptional ease to reach the upper register, the BD5 maintains a sound which is round and full. The new Standard for Eb clarinet.
	M30	CM325	117	ML	2½→3½	2½→3½	2,5→3,5	A perfect balance of flexibility and roundness of sound.
Alto	5RV	CM331	126	M	3→4			Very rich timbre.
	B44	CM332	138	ML	2½→3½			Its thin tip rail makes it easy blowing.
	B40	CM333	138	ML	2→3			The same technical characteristics as the B44 with a wider tip rail, it produces a compact and centered sound.
	NEW BD5	CM135	140	L	2½→3½			Designed for Alto clarinet and Bassett Horn, it provides a full sound, rich in depth and color, as well as an easy sound projection. This mouthpiece can be played not only with Alto Clarinet reeds but also with the Alto Sax version of the V21 reeds.
Bass	B44	CM342	184	M	3→4	3→4	3→4	Its thin tip rail makes it easy blowing.
	BD5	CM145	187	ML	2½→3½	2½→3½	2,5→3,5	The BD5 Bass Clarinet mouthpiece is very responsive and provides a very round and full bodied sound while requiring less air to do so.
	B45	CM344	193	ML	2½→3½	2½→3½	2,5→3,5	Same sound qualities as the B44 with a larger tip opening. Very responsive.
	B40	CM343	193	ML	2→3	2½→3	2,5→3	With the same technical specifications as the B45, its wider tip rail offers a compact and centered sound.
	B46	CM345	205	L	2→3	2½→3	2,5→3	Produces a powerful sound. A favorite of jazz musicians.
	B50	CM346	215	L	2½→3½	2½→3	2,5→3	Produces a rich and velvety sound, even in the upper register.

Ab (Available upon request) Mouthpiece only: CM360 Mouthpiece with ligature and cap: CM360K

Contrabass (Available upon request) Mouthpiece only: CM370 Ligature and cap: LC04CCBP

BLACK DIAMOND EBONITE (see page 14)

D

Mouthpieces designed for German system clarinet while using French cut reeds

→ M30 D and B40 D:

The length and diameter of the shank, the bore, the appearance of the tip rail and the external shape are the components of this new concept, which offers a perfect balance between a very warm sound and great intonation.

→ BD5 D:

Adaptation of the BD5 Black Diamond mouthpiece for Boehm Bb clarinet, the BD5 D produces a round, centered sound and offers a great stability and flexibility in playing.

56 rue Lepic and V21 reeds are particularly recommended for these mouthpieces.

		CODE	TIP OPENING 1/100 MM	FACING LENGTH	RECOMMENDED STRENGTHS			COMMENTS
				see page 34				
	NEW BD5 D	CM1805	113	M	2½→3½			The perfect balance between a dark, rich, yet compact sound.
	M30 D	CM36188	115	L	2½→3½			A good balance between timbre and roundness.
	B40 D	CM36078	119,5	ML	2½→3			Produces a compact and centered sound.

German clarinet mouthpieces designed for use with German reeds

D Series – In the pure German tradition. Available in three openings, this new series is the evolution expected by German clarinetists. It offers the artist an exceptional ease in playing and provides amazing flexibility during performance. Rich sound and great intonation are the main qualities of this series.

		CODE	TIP OPENING 1/100 MM	FACING LENGTH	RECOMMENDED STRENGTHS			COMMENTS
				see page 34				
	NEW D15	CM3815	87,5	L	2½→3½			A mouthpiece designed in the German tradition which provides a compact sound. Suited for both beginners in combination with soft V21 German reeds (2-2,5), and professionals for use with stronger V21 German reeds (3-3,5).
	D20	CM3820	96	ML	2→3½			Medium opening and facing length, a perfect balance between flexibility and consistency. Recommended reed strengths: V21 German 2-3,5.
	D25	CM3825	104	L	2→3			With a medium opening, this mouthpiece provides a full, centered sound with a rich spectrum of colors. It offers musicians a wide dynamic range while maintaining an excellent intonation. THE NEW STANDARD mouthpiece for German clarinet.

W

Austrian clarinet mouthpiece designed for use with Austrian reeds

		CODE	TIP OPENING 1/100 MM	FACING LENGTH	RECOMMENDED STRENGTHS			COMMENTS
				see page 34				
	NEW W 270	CM393	72	VL	4→6+			Traditional Viennese facing; dark sound and accurate response. Specially designed for harder reeds.