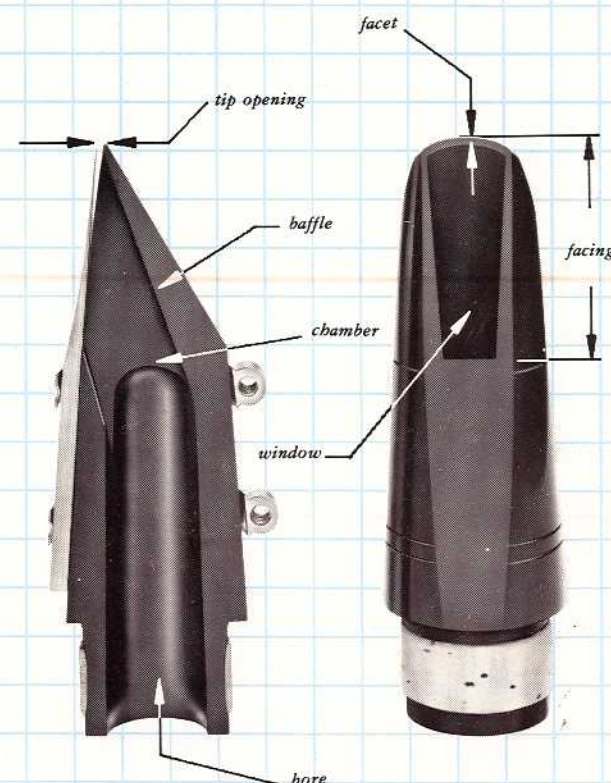


## Typical Clarinet Mouthpiece



## Vandoren Clarinet Mouthpieces

*Vandoren is the world's most popular brand of clarinet mouthpieces. Available in black ebonite and crystal, they will add to any type of sound, from classical to jazz.*

### B<sup>b</sup> Clarinet

**5RV** World famous 5RV is virtually a professional standard of comparison. Ideal for classical and symphonic players.  
**Tip Opening:** 1.065mm, .041"  
**Facing:** med., 19mm, .748"  
**Feeling:** close  
**Rec. Reeds:** No.'s 3, 4, 5  
**Identical to:** 2RV

**5RV Lyre** Responsive, easy to control in all registers, excellent for students. For symphonic and chamber music.  
**Tip Opening:** 1.09mm, .042"  
**Facing:** med. long, 20mm, .787"  
**Feeling:** close, easy sound emission, **Rec. Reeds:** No.'s 3, 4

**B44** Durable all purpose mouthpiece.  
**Tip Opening:** 1.10mm, .043"  
**Facing:** med., 19mm, .748"  
**Feeling:** impression of short facing, **Rec. Reeds:** No. 3

**11•1** Produces a tight, compact sound similar to German-style mouthpieces. Especially designed to use stronger reeds.  
**Tip Opening:** 1.11mm, .043"  
**Facing:** long, 21mm, .826"  
**Feeling:** centered sound, easy blowing, **Rec. Reeds:** No.'s 3, 4, 5

**11•6** Same sound quality as B45 obtained by using reeds that are a little stronger.

**Tip Opening:** 1.16mm, .045"  
**Facing:** med. long, 20mm, .787"  
**Feeling:** medium open  
**Rec. Reeds:** No.'s 3, 4

**B45** Universally acclaimed it is the world's most popular and largest selling mouthpiece. Designed for the symphonic orchestra player.

**Tip Opening:** 1.19mm, .046"  
**Facing:** long, 22mm, .866"  
**Feeling:** open and versatile  
**Rec. Reeds:** No.'s 2, 3, 4

**B45•** Large chambered mouthpiece produces excellent full "round" sound. Makes it easier to create "round" sound than B45.

**Tip Opening:** 1.19mm, .046"  
**Facing:** long, 22mm, .866"  
**Feeling:** open and versatile  
**Rec. Reeds:** No.'s 2, 3, 4

**B40** Especially designed to use soft reeds without sacrificing the sound quality of a stronger reed (centered and compact). This is the only Bb clarinet mouthpiece combining both assets.  
**Tip Opening:** 1.20mm, .047"

**Facing:** long, 22mm, .866"  
**Feeling:** round and centered sound, **Rec. Reeds:** No.'s 2, 3

**B46** Ideal for the dance musician with classical background or the symphonic clarinetist desiring more tip opening.

**Tip Opening:** 1.17mm, .046"  
**Facing:** med. long, 20mm, .787"  
**Feeling:** special doublers, rather open, **Rec. Reeds:** No. 3

**5JB** A very open, long facing. THE jazz mouthpiece.  
**Tip Opening:** 1.47mm, .057"  
**Facing:** long, 22mm, .866"  
**Feeling:** very open  
**Rec. Reeds:** No.'s 1, 2

### E<sup>b</sup> Clarinet

**5RV** Famous worldwide 5RV's reputation has made it the world's best selling mouthpiece.  
**Tip Opening:** 1.06mm, .041"  
**Facing:** med. short, 18mm, .709"  
**Feeling:** close  
**Rec. Reeds:** No.'s 3, 4

**B44** Designed for symphonic music.  
**Tip Opening:** 1.10mm, .043"  
**Facing:** med., 19mm, .748"  
**Feeling:** easy blowing  
**Rec. Reeds:** No.'s 2, 3, 4

**B40** Especially designed to use soft reeds without sacrificing the sound quality of a stronger reed (centered and compact). This is the only Eb clarinet mouthpiece combining both assets.

**Tip Opening:** 1.11mm, .044"  
**Facing:** med. long, 19mm, .748"  
**Feeling:** round and centered sound  
**Rec. Reeds:** No.'s 2, 3

### Alto Clarinet

**5RV** Recommended for students because it's easy to play.  
**Tip Opening:** 1.26mm, .050"  
**Facing:** med., 22mm, .866"  
**Feeling:** close  
**Rec. Reeds:** No.'s 3, 4

**B44** Standard mouthpiece designed for the discriminating classical player.  
**Tip Opening:** 1.39mm, .055"  
**Facing:** med. long, 23mm, .905"  
**Feeling:** easy blowing  
**Rec. Reeds:** No.'s 2, 3

**B40** Especially designed to use soft reeds without sacrificing the sound quality of a stronger reed (centered and compact). This is the only Alto clarinet mouthpiece combining both assets.  
**Tip Opening:** 1.40mm, .055"  
**Facing:** med. long, 23mm, .905"  
**Feeling:** round and centered sound  
**Rec. Reeds:** No.'s 2, 3

### Bass Clarinet

**B30** Outstanding clarinet mouthpiece for musicians who like to use stronger reeds.  
**Tip Opening:** 1.70mm, .066"  
**Facing:** med. short, 28mm, 1.102"  
**Feeling:** close  
**Rec. Reeds:** No. 4

**B44** Extremely popular mouthpiece designed for classical playing.  
**Tip Opening:** 1.81mm, .071"  
**Facing:** med., 29mm, 1.141"  
**Feeling:** easy blowing  
**Rec. Reeds:** No.'s 3, 4

**B40** Especially designed to use soft reeds without sacrificing the sound quality of a stronger reed (centered and compact). This is the only Bass clarinet mouthpiece combining both assets.  
**Tip Opening:** 1.95mm, .076"  
**Facing:** med. long, 30mm, 1.181"  
**Feeling:** round and centered sound, **Rec. Reeds:** No.'s 2, 3

**B45** Particularly suited for players preferring a wider tip opening.  
**Tip Opening:** 1.93mm, .075"  
**Facing:** med. long, 30mm, 1.181"  
**Feeling:** medium easy blowing  
**Rec. Reeds:** No.'s 2, 3, 4

**B46** Recommended for classical musicians who prefer a wider tip opening.  
**Tip Opening:** 2.05mm, .080"  
**Facing:** long, 32mm, 1.259"  
**Feeling:** open versatile  
**Rec. Reeds:** No.'s 2, 3

### B<sup>b</sup> Crystal

**A1**  
**Tip Opening:** 1.10mm, .043"  
**Facing:** med. short, 18mm, .708"  
**Feeling:** medium close  
**Rec. Reeds:** No. 3

**A2**  
**Tip Opening:** 1.20mm, .047"  
**Facing:** short, 17mm, .669"  
**Feeling:** rather open  
**Rec. Reeds:** No.'s 2, 3

**A3**  
**Tip Opening:** 1.30mm, .051"  
**Facing:** med. short, 18mm, .708"  
**Feeling:** open, **Rec. Reeds:** No. 2

### E<sup>b</sup> Crystal

**A1**  
**Tip Opening:** 1.01mm, .039"  
**Facing:** long, 17mm, .669"  
**Feeling:** easy  
**Rec. Reeds:** No.'s 3, 4

**A2**  
**Tip Opening:** 1.11mm, .043"  
**Facing:** med. long, 18mm, .708"  
**Feeling:** rather open  
**Rec. Reeds:** No.'s 2, 3

### Bass Crystal

**A2**  
**Tip Opening:** 1.92mm, .075"  
**Facing:** short, 24mm, .944"  
**Feeling:** versatile  
**Rec. Reeds:** No.'s 2, 3

**A3**  
**Tip Opening:** 2.08mm, .081"  
**Facing:** med. long, 28mm, 1.102"  
**Feeling:** very open  
**Rec. Reeds:** No. 2

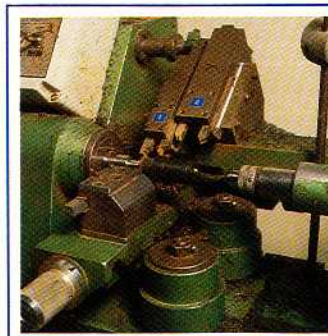
## VANDOREN PARIS

Manufacturing and finishing photos.

*Fisheye view of the new mouthpiece manufacturing facilities.*



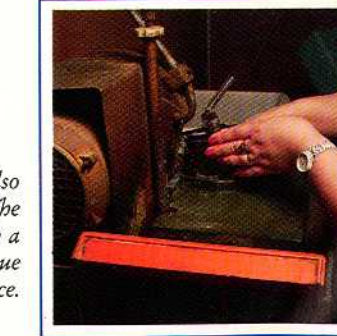
*Outside shaping of the mouthpiece is done on an automatic forming lathe especially designed for Vandoren.*



*After sawing off the guide pin used as a center on the lathe, the beak is shaped by a diamond grinder for ultimate consistency.*



*Finishing of the tip is also done with a grinder. The exact shape is given with a guide sliding on a true surface.*







## Vandoren V5 Series

Vandoren V5 Series saxophone mouthpieces feature a flat baffle, small round bore and normal chamber. They are available in a variety of styles suitable for classical and jazz musicians as well as students.

### Soprano Sax

**S15** Recommended for classical music.  
Tip Opening: 1.23mm, .048"  
Facing: med. short, 17mm, .669"  
Feeling: med. easy blowing  
Rec. Reeds: No.'s 3, 4

**S25** Suitable for both classical and dance music. Designed to use softer reeds than the S15 with equal sound emission facilities and a wider tip opening.  
Tip Opening: 1.53mm, .060"  
Facing: med., 20mm, .787"  
Feeling: rather open  
Rec. Reeds: No. 3

**S35** For jazz saxophonists.  
Tip Opening: 1.82mm, .072"  
Facing: med. long, 21mm, .826"  
Feeling: open  
Rec. Reeds: No.'s 2, 3

### Alto Sax

**A15** Easy to play, the A15 is recommended by music educators for students of classical music.  
Tip Opening: 1.76mm, .069"  
Facing: med. long, 23mm, .905"  
Feeling: easy sound emission  
Rec. Reeds: No.'s 3, 4

**A20** A new generation of mouthpieces. Especially designed to offer the musician the possibility of playing softer reeds without sacrificing sound quality (centered and compact).  
Tip Opening: 1.88mm, .074"  
Facing: med. long, 23mm, .905"  
Feeling: round and centered sound, Rec. Reeds: No.'s 2, 3

**A25** Wider tip opening than A15 but same quality sound.  
Tip Opening: 1.86mm, .073"  
Facing: med. long, 23mm, .905"  
Feeling: rather open, easy sound emission, Rec. Reeds: No.'s 3, 4

**A27** Designed for playing soft reeds with optimum tone color throughout the compass of the instrument, especially in extended top range. Recommended for studying classical saxophone.  
Tip Opening: 1.65mm, .064"  
Facing: very short, 19mm, .748"  
Feeling: easy control  
Rec. Reeds: No.'s 2, 3

**A35** Ideal for classical swing and big band music.  
Tip Opening: 2.06mm, .081"  
Facing: med., 21mm, .826"

Feeling: rather open, versatile  
Rec. Reeds: No.'s 2, 3, 4

**A45** A different baffle with a slightly curved tip.  
Tip Opening: 2.20mm, .086"  
Facing: med., 21mm, .826"  
Feeling: medium open  
Rec. Reeds: No.'s 2, 3

**A55** Same concept as A45; a little more open at the tip.  
Tip Opening: 2.47mm, .097"  
Facing: long, 24mm, .944"  
Feeling: open  
Rec. Reeds: No. 2, 3

### Tenor Sax

**T15** For classical music. Recommended by music educators for student use. Easy to play.  
Tip Opening: 1.76mm, .069"  
Facing: med., 23mm, .905"  
Feeling: easy sound emission  
Rec. Reeds: No.'s 3, 4

**T20** A new generation of mouthpiece. Especially designed to offer the musician the possibility of playing softer reeds without sacrificing sound quality (centered and compact).  
Tip Opening: 2.06mm, .081"  
Facing: med., 25mm, .984"  
Feeling: round and centered sound, Rec. Reeds: No.'s 2, 3

**T25** Wider tip opening than T15 but same quality sound.  
Tip Opening: 2.04mm, .080"  
Facing: med. long, 25mm, .984"  
Feeling: rather open, easy sound emission, Rec. Reeds: No.'s 3, 4

**T35** For serious classical musicians. Preferred by saxophonists desiring more tip opening.  
Tip Opening: 2.30mm, .090"  
Facing: long, 26mm, 1.023"  
Feeling: rather open, versatile  
Rec. Reeds: No. 3

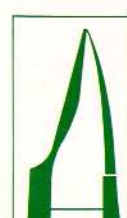
### Baritone Sax

**B25**  
Tip Opening: 1.85mm, .072"  
Facing: med. long, 22mm, .866"  
Feeling: close  
Rec. Reeds: No.'s 3, 4

**B35**  
Tip Opening: 2.10mm, .082"  
Facing: med., 21mm, .826"  
Feeling: medium easy sound emission  
Rec. Reeds: No. 3

**B75**  
Tip Opening: 2.75mm, .108"  
Facing: long, 26mm, 1.023"  
Feeling: open  
Rec. Reeds: No.'s 2, 3

**B95**  
Tip Opening: 3.10mm, .122"  
Facing: very long, 30mm, 1.181"  
Feeling: very open  
Rec. Reeds: No. 2



## Vandoren JAVA Series

Java mouthpieces offer the feel that's ideal for jazz, soul and funk. Similar in concept to metal mouthpieces, Java saxophone mouthpieces offer the style and comfort of blue ebonite. Recommended for use with Java reeds.

### Alto Sax

**A35**  
Tip Opening: 2.06mm, .081"  
Facing: med., 21mm, .826"  
Feeling: medium open  
Rec. Reeds: No.'s 2, 3, 4

**A45**  
Tip Opening: 2.20mm, .086"  
Facing: med., 21mm, .826"  
Feeling: rather open, easy sound emission, Rec. Reeds: No.'s 2, 3

**A55**  
Tip Opening: 2.47mm, .097"  
Facing: long, 24mm, .944"  
Feeling: open  
Rec. Reeds: No.'s 2, 3

**A75**  
Tip Opening: 2.60mm, .102"  
Facing: very long, 25mm, .984"  
Feeling: very open  
Rec. Reeds: No.'s 1, 2

**A95**  
Tip Opening: 2.80mm, .110"  
Facing: very long, 26mm, 1.023"  
Feeling: very open  
Rec. Reeds: No.'s 1, 2

### Tenor Sax

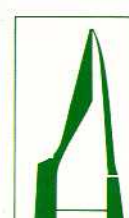
**T45** Large chamber. Recommended for big band saxophonists.  
Tip Opening: 2.30mm, .090"  
Facing: med. short, 24mm, .944"  
Feeling: rather close  
Rec. Reeds: No.'s 2, 3, 4

**T55**  
Tip Opening: 2.50mm, .098"  
Facing: med. long, 27mm, 1.062"  
Feeling: medium close  
Rec. Reeds: No.'s 2, 3, 4

**T75** Suitable for all types of jazz.  
Tip Opening: 2.65mm, .104"  
Facing: med., 26mm, 1.023"  
Feeling: easy blowing, versatile  
Rec. Reeds: No.'s 2, 3

**T95**  
Tip Opening: 2.95mm, .116"  
Facing: long, 28mm, 1.102"  
Feeling: open, easy blowing  
Rec. Reeds: No.'s 2, 3

**T97**  
Tip Opening: 3.10mm, .122"  
Facing: med., 26mm, 1.023"  
Feeling: very open and easy  
Rec. Reeds: No.'s 1, 2



## Vandoren Jumbo JAVA

The hottest mouthpieces in the line. Designed with a small chamber, high baffle and big bore for an increased sound impact and edgy tone comparable to metal mouthpieces. Extremely versatile: from hot jazz to blues to funk to rock. Recommended for use with Java reeds.

### Alto Sax

**A35**  
Tip Opening: 2.06mm, .081"  
Facing: med., 21mm, .826"  
Feeling: medium open  
Rec. Reeds: No.'s 2, 3, 4

**A45**  
Tip Opening: 2.20mm, .086"  
Facing: med., 21mm, .826"  
Feeling: rather open, easy sound emission, Rec. Reeds: No.'s 2, 3

**A55**  
Tip Opening: 2.47mm, .097"  
Facing: long, 24mm, .944"  
Feeling: open  
Rec. Reeds: No.'s 2, 3

**A75**  
Tip Opening: 2.60mm, .102"  
Facing: very long, 25mm, .984"  
Feeling: very open  
Rec. Reeds: No.'s 1, 2

**A95**  
Tip Opening: 2.80mm, .110"  
Facing: very long, 26mm, 1.023"  
Feeling: very open  
Rec. Reeds: No.'s 1, 2

### Tenor Sax

**T45**  
Tip Opening: 2.30mm, .090"  
Facing: med. short, 24mm, .944"  
Feeling: rather close  
Rec. Reeds: No.'s 2, 3, 4

**T55**  
Tip Opening: 2.50mm, .098"  
Facing: med. long, 27mm, 1.062"  
Feeling: medium close  
Rec. Reeds: No.'s 2, 3, 4

**T75**  
Tip Opening: 2.65mm, .104"  
Facing: med., 26mm, 1.023"  
Feeling: easy blowing, versatile  
Rec. Reeds: No.'s 2, 3

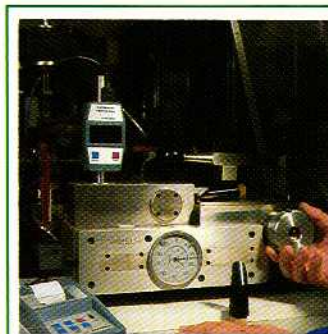
**T95**  
Tip Opening: 2.95mm, .116"  
Facing: long, 28mm, 1.102"  
Feeling: open, easy blowing  
Rec. Reeds: No. 2, 3

**T97**  
Tip Opening: 3.10mm, .122"  
Facing: med., 26mm, 1.023"  
Feeling: very open and easy  
Rec. Reeds: No.'s 1, 2

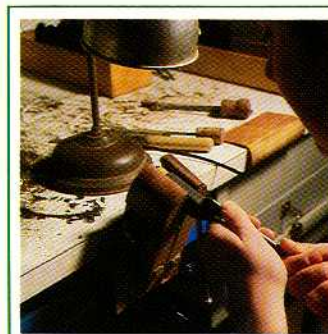
Shaping the table with a machine designed especially for Vandoren. The cutting is done in three steps by staged diamond cutting tools. The tolerances of this operation (2/5 1000th of an inch) are so small that the polishing of the table is omitted in order to maintain this ultra-high precision.



Tip opening, length of table and other measurements are checked with a sophisticated electronic digital reading meter, coupled with electronic recording device.



Fettling of the window is done by hand.



Each mouthpiece style requires individual hand-finishing of the baffle, walls and tip rail. Experienced finishers meticulously finish and adjust each mouthpiece so it will surpass even the most critical examination of professional musicians.

