frate precision®

PROFESSIONAL BRASS MOUTHPIECES

GENERAL CATALOGUE



frate precision®

PROFESSIONAL BRASS MOUTHPIECES

Frate Precision was established in 2006, and is dedicated to the manufacturing of high quality mouthpieces for brass instruments, thanks to both the knowledge and experience of Dario Frate, graduated in trumpet and expert in metalworking.

Frate Precision is located in Traona, Lombardy and offers a wide range of professional mouthpieces for Trumpet, French horn, Flugelhorn, Cornet and Piccolo Trumpet.

DESIGN & SOUND MADE IN ITALY

Our mouthpieces, made only by using high quality brass alloy, 100% pure, guarantee fluidity, richness of sound, easy sound emission, and offer great quality for a great price. Performance and reliability Made in Italy.

6 MODELS, UNLIMITED COMBINATIONS

Frate Precision meets any technical, performing or timbre requirements thanks to the wide range of Rims, Cups, Throats and Backbores available.
Five models for trumpet and, for those who prefer wide cups, we offer 6 big sizes (+ cups) with cup diameters over 17 mm.



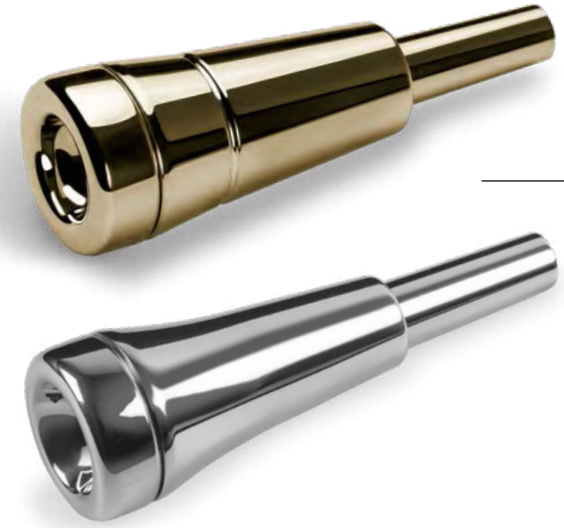
CLASSIC model

for trumpet, flugelhorn,
cornet and piccolo trumpet



HEAVY model

for trumpet medium shank,
lenght 80 mm



EXTRA HEAVY model

made up in two threaded parts
available with standard or light booster





LIGHT model
for trumpet
standard lenght 87,5 mm



MULTIRIM model
rim in ebonite,
or silver / gold plated brass

NATURAL model
baroque trumpet
7 cup diameters, 3 depths,
9 rim shapes, 4 backbores,
and 3 throats available



FRENCH HORN model
american shank - taper 5/100



BLACK ONYX TRIM KIT
for Bach and Yamaha trumpet

bottom caps Light 9 mm, Medium 13 mm, or Heavy 20 mm







THE CUP

for Trumpet, Flugelhorn, Piccolo trumpet , Cornet

Number from 1+ to 6+ Big cup diameter		**Number from 1 to 12** cup diameter		**First letter engraved after the number** depth of the cup	
1+ 17.66 mm	**1** 16.95 mm	**7** 16.22 mm		**Letter L**	Lead – Extra Shallow
2+ 17.48 mm *	**2** 16.95 mm *	**8** 16.08 mm		**Letter S**	Shallow
3+ 17.30 mm	**3** 16.62 mm	**9** 16.08 mm *		**Letter H**	High cup
4+ 17.30 mm *	**4** 16.62 mm *	**10** 15.88 mm		**Letter M**	Medium deep
5+ 17.12 mm	**5** 16.35 mm	**11** 15.88 mm *		**Letter D**	Deep
6+ 17.12 mm *	**6** 16.28 mm *	**12** 15.60 mm		**Letter X**	eXtra deep

*(* V shape of the cup)*

THE RIM

for Trumpet, Flugelhorn, Piccolo trumpet, Cornet (second letter engraved after the number)



no letter engraved
rim standard



letter **S**
Semi-rounded
external diameter
27.43 mm



letter **M**
Medium
external diameter
27.43 mm



letter **R**
Rounded rim
external diameter
27.58 mm



letter **N**
Narrow rim
external diameter
27.05 mm



letter **F**
Flat rim
external diameter
27.30 mm



letter **L**
Large rim
external diameter
27.60 mm



letter **W**
Wide rim
external diameter
27.80 mm



letter **X**
eXtra-wide rim
external diameter
29.20 mm

THE THROAT, THE BACKBORE AND THE SHANK

THROAT NUMBER	DIAMETER	DESCRIPTION
no. 0	3.50 mm	
no. 1	3.58 mm	
no. 2	3.66 mm	Standard for Trumpet and P. Trumpet **(code not engraved)**
no. 3	3.74 mm	Suggested with medium large backbore
no. 4	3.82 mm	Suggested for C trumpet and rotary trumpet
no. 5	3.90 mm	
no. 6	3.98 mm	
no. 7	4.06 mm	Standard for Flugelhorn and Cornet
no. 8	4.14 mm	Special throat for Flugelhorn and Cornet
no. 9	4.30 mm	Special throat for French horn
no. 10	4.50 mm	Standard for French horn

NUMBER OF BACKBORE (FOR TRUMPET)	DESCRIPTION
LARGE no. 110 available only for mouthpiece lenght 87,5 mm	Roman number CX engraved on the shank Very open shape, huge and unic sound
MEDIUM LARGE no. 106 backbore standard in combination with throat n. **3-4-5-6**	Roman number CVI engraved on the shank Full, rich, and open sound
MEDIUM LARGE no. 105	Roman number CV engraved on the shank Warm and symphonic sound
MEDIUM LARGE no. 102	Roman number CII engraved on the shank Open and resonant sound. Less open than #105 and #106 backbores
MEDIUM no. 101 backbore standard in combination with throat n. **0-1-2**	Backbore no. CI **(code not engraved)** Rich and brillant sound
SEMI NARROW no. 104	Roman number CIV engraved on the shank Bright and resonant sound
NARROW no. 103 available only for mouthpiece lenght 87,5 mm	Roman number CIII engraved on the shank Bright and edgy sound

CLASSIFICATION OF THE SHANK	DESCRIPTION
standard Trumpet shank for Bb and C TRUMPET	shank code not engraved - lenght of the mouthpiece 87,5 mm
Medium Trumpet shank for Bb and C TRUMPET	**M** engraved on the shank - lenght of the mouthpiece 80 mm
Short Trumpet shank for Eb TRUMPET and PICCOLO TRUMPET	**S** engraved on the shank - lenght of the mouthpiece 74,5 mm
PICCOLO TRUMPET Cornet shank	**P** engraved on the shank
FLUGELHORN Small shank	**F** engraved on the shank
FLUGELHORN Large shank	**FL** engraved on the shank
CORNET Standard shank	**CO** engraved on the shank
CORNET Short shank	shank code not engraved



the Backbore
7 types of backbores
available for trumpet

the Throat
11 types of throats
available

the Rim
9 types of rims
available for
Trumpet

the Cup
18 types of internal diameter
and 6 different
cup depths available



TECHNICAL CHARACTERISTICS

THE CUP

for French Horn

Number from 1 to 16 Cup diameter						**First letter engraved after the number** depth of the cup	
1	18.48 mm	**5**	17.52 mm	**11**	16.62 mm	**Letter H**	High cup
1+	18.30 mm	**6**	17.52 mm	**12**	16.62 mm	**Letter M**	Medium deep
2	18.48 mm	**7**	17.30 mm	**13**	16.22 mm	**Letter D**	Deep
2+	18.30 mm	**8**	17.30 mm	**14**	16.22 mm		
3	18.12 mm	**9**	16.95 mm	**15**	15.88 mm		
3+	17.82 mm	**10**	16.95 mm	**16**	15.88 mm		
4	18.12 mm						
4+	17.82 mm						

THE RIM

for French Horn (second letter engraved after the number)



no letter engraved
rounded rim standard

thickness 3.82 mm



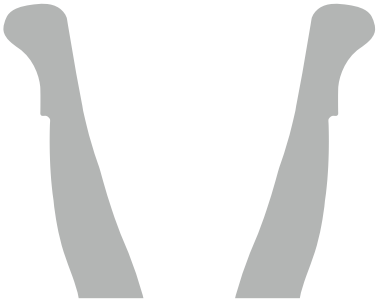
letter **S**
Semi-rounded rim

thickness 4.05 mm



letter **F**
Flat rim

thickness 3.82 mm



letter **L**
Large semi-rounded rim

thickness 4.30 mm

TRUMPET BIG CUPS (size from no. 1+ to no. 6+)

Wide size no.	Cup diameter	Depth of the cup	Notes
1+ M-4	17.66 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Standard rim
1+ ML-4	17.66 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Large rim
2+ D-4	17.48 mm	Deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Standard rim
2+ M-4	17.48 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Standard rim
2+ ML-4	17.48 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Large rim
3+ M	17.30 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
3+ M-3	17.30 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
3+ M-4	17.30 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Standard rim
3+ ML-3	17.30 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Large rim
3+ ML-4	17.30 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Large rim
4+ D-5-110	17.30 mm	Deep	V shape of the cup - Throat n. 5 (3,90 mm) - Extra-large backbore #110 - Standard rim
4+ M-4	17.30 mm	Medium deep	V shape of the cup - Throat n. 4 (3,82 mm) - Medium-large backbore #106 - Standard rim
4+ H-106	17.30 mm	High cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim
5+ M	17.12 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
5+ M-3	17.12 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
5+ M-4	17.12 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Standard rim
5+ M-6	17.12 mm	Medium deep	Throat n. 6 (3,98 mm) – Medium-large backbore #106 - Standard rim
5+ ML-3	17.12 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Large rim
5+ ML-4	17.12 mm	Medium deep	Throat n. 4 (3,82 mm) – Medium-large backbore #106 - Large rim
5+ ML-6	17.12 mm	Medium deep	Throat n. 6 (3,98 mm) – Medium-large backbore #106 - Large rim
5+ H-106	17.12 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim
5+ S	17.12 mm	Shallow cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
5+ L	17.12 mm	Lead - Extra Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
6+ D-5-110	17.12 mm	Deep	V shape of the cup - Throat n. 5 (3,90 mm) – Extra-large backbore #110 - Standard rim
6+ M-3	17.12 mm	Medium deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
6+ M-4	17.12 mm	Medium deep	V shape of the cup - Throat n. 4 (3,82 mm) - Medium-large backbore #106 - Standard rim
6+ M-6	17.12 mm	Medium deep	V shape of the cup - Throat n. 6 (3,98 mm) - Medium-large backbore #106 - Standard rim
6+ ML-3	17.12 mm	Medium deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium-large backbore #106 - Large rim
6+ ML-4	17.12 mm	Medium deep	V shape of the cup - Throat n. 4 (3,82 mm) - Medium-large backbore #106 - Large rim
6+ H-106	17.12 mm	High cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim
6+ S	17.12 mm	Shallow cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim

TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 12)

Size no.	Cup diameter	Depth of the cup	Notes
1 DN-3-105	16.95 mm	Deep	Throat n. 3 (3,74 mm) – Medium-large backbore #105 - Narrow rim
1 D-3	16.95 mm	Deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
1 M	16.95 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
1 M-3-102	16.95 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #102 - Standard rim
1 M-3	16.95 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
1 M-6	16.95 mm	Medium deep	Throat n. 6 (3,98 mm) – Medium-large backbore #106 - Standard rim
1 ML-3	16.95 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Large rim
1 ML-6	16.95 mm	Medium deep	Throat n. 6 (3,98 mm) – Medium-large backbore #106 - Large rim
1 H	16.95 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
1 H-106	16.95 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim
1 HF	16.95 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Flat rim
1 HM-106	16.95 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Medium rim
1 HL-106	16.95 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Large rim
1 S	16.95 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
1 SL-106	16.95 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Large rim
1 L	16.95 mm	Lead - Extra Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
2 D-5-110	16.95 mm	Deep	V shape of the cup - Throat n. 5 (3,90 mm) - Extra-large backbore #110 - Standard rim
2 M-3	16.95 mm	Medium deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium-large backbore #106
2 M-4	16.95 mm	Medium deep	V shape of the cup - Throat n. 4 (3,82 mm) - Medium-large backbore #106
2 M-6	16.95 mm	Medium deep	V shape of the cup - Throat n. 6 (3,98 mm) - Medium-large backbore #106
2 H	16.95 mm	High cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
3 D-3	16.62 mm	Deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 Standard rim
3 M	16.62 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
3 M-3-102	16.62 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #102 - Standard rim
3 M-3	16.62 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
3 M-6	16.62 mm	Medium deep	Throat n. 6 (3,98 mm) – Medium-large backbore #106 - Standard rim
3 ML-3	16.62 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Large rim
3 ML-6	16.62 mm	Medium deep	Throat n. 6 (3,98 mm) – Medium-large backbore #106 - Large rim
3 MW-3	16.62 mm	High cup	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Wide rim
3 H	16.62 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
3 H-106	16.62 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim
3 HF	16.62 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Flat rim
3 HM-106	16.62 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Medium rim
3 S	16.62 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
3 L	16.62 mm	Lead - Extra Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
4 D-3	16.62 mm	Deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
4 D-5-110	16.62 mm	Deep	V shape of the cup - Throat n. 5 (3,90 mm) - Extra-large backbore #110 - Standard rim
4 M-3	16.62 mm	Medium deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
4 M-4	16.62 mm	Medium deep	V shape of the cup - Throat n. 4 (3,82 mm) - Medium large backbore #106 - Standard rim
4 H-106	16.62 mm	High cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim

TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 12)

Size no.	Cup diameter	Depth of the cup	Notes
5 M	16.35 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
5 M-3	16.35 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
5 H	16.35 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
5 HM-106	16.35 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Medium rim
5 HW-106	16.35 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Wide rim
5 S	16.35 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
5 L	16.35 mm	Lead - Extra Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
6 D-3	16.28 mm	Deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
6 D-5-110	16.28 mm	Deep	V shape of the cup - Throat n. 5 (3,90 mm) - Extra-large backbore #110 - Standard rim
6 M	16.28 mm	Medium deep	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
6 M-3	16.28 mm	Medium deep	V shape of the cup - Throat n. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
6 H	16.28 mm	High cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
6 H-106	16.28 mm	High cup	V shape of the cup - Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Standard rim
7 M	16.22 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
7 M-3	16.22 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
7 MW-3	16.22 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Wide rim
7 H	16.22 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
7 HF	16.22 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Flat rim
7 HM-106	16.22 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Medium rim
7 HW-106	16.22 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Wide rim
7 S	16.22 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
7 L	16.22 mm	Lead - Extra Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
8 M	16.08 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
8 H	16.08 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
8 S	16.08 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
10 M	15.88 mm	Medium deep	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
10 M-3	15.88 mm	Medium deep	Throat n. 3 (3,74 mm) – Medium-large backbore #106 - Standard rim
10 H	15.88 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
10 S	15.88 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
10 SF-106	15.88 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Flat rim
11 S	15.88 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
12 H	15.60 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Standard rim
12 HF	15.60 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Flat rim
12 HM	15.60 mm	High cup	Standard throat n. 2 (3,66 mm) - Medium backbore #101 - Medium rim
12 S	15.60 mm	Shallow	Standard throat n. 2 (3,66 mm) -Medium backbore #101 - Standard rim
12 SF-106	15.60 mm	Shallow	Standard throat n. 2 (3,66 mm) - Medium-large backbore #106 - Flat rim

FLUGELHORN AND CORNET BIG CUPS (size from no. 1+ to no. 6+)

Wide size no.	Cup diameter	Depth of the cup	Notes
5+ X	17.12 mm	Extra deep - V shape	Standard rim - Extreme deep cup - Throat n. 10 (4,50 mm)
5+ D	17.12 mm	Deep - U shape	Standard rim - Throat n. 7 standard (4.06 mm)
6+ X	17.12 mm	Extra deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
6+ D	17.12 mm	Deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
6+ M	17.12 mm	Medium deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)

FLUGELHORN AND CORNET MEDIUM AND SMALL CUPS (size from no. 1 to no. 9)

Size no.	Cup diameter	Depth of the cup	Notes
1 X	16.95 mm	Extra deep - V shape	Standard rim - Extreme deep cup - Throat n. 10 (4,50 mm)
1 XS	16.95 mm	Extra deep - V shape	Semirounded rim - Extreme deep cup - Throat n. 10 (4,50 mm)
1 D	16.95 mm	Deep - U shape	Standard rim - Throat n. 7 standard (4.06 mm)
1 DS	16.95 mm	Deep - U shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
1 M	16.95 mm	Medium deep - C shape	Standard rim - Throat n. 7 standard (4.06 mm)
1 MS	16.95 mm	Medium deep - C shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
1 ML	16.95 mm	Medium deep - C shape	Large rim - Throat n. 7 standard (4.06 mm)
1 H-2	16.95 mm	High cup - C shape	Standard rim - Throat n. 2 (3,66 mm) for Cornet soloist
2 X	16.95 mm	Extra deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
2 XS	16.95 mm	Extra deep - V shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
2 D	16.95 mm	Deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
2 M	16.95 mm	Medium deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
2 MS	16.95 mm	Medium deep - V shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
2 H	16.95 mm	High cup - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
2 HS	16.95 mm	High cup - V shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
3 X	16.62 mm	Extra deep - V shape	Standard rim - Extreme deep cup - Throat n. 10 (4,50 mm)
3 XS	16.62 mm	Extra deep - V shape	Semirounded rim - Extreme deep cup - Throat n. 10 (4,50 mm)
3 D	16.62 mm	Deep - U shape	Standard rim - Throat n. 7 standard (4.06 mm)
3 M	16.62 mm	Medium deep - C shape	Standard rim - Throat n. 7 standard (4.06 mm)
3 MS	16.62 mm	Medium deep - C shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
3 H-2	16.62 mm	High cup - C shape	Standard rim - Throat n. 2 (3,66 mm) for Cornet soloist
4 X	16.62 mm	Extra deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
4 D	16.62 mm	Deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
4 M	16.62 mm	Medium deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
4 MS	16.62 mm	Medium deep - V shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
4 H	16.62 mm	High cup - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
4 HS	16.62 mm	High cup - V shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
5 X	16.35 mm	Extra deep - V shape	Standard rim - Extreme deep cup - Throat n. 10 (4,50 mm)
5 DS	16.35 mm	Deep - U shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
5 M	16.35 mm	Medium deep - C shape	Standard rim - Throat n. 7 standard (4.06 mm)
5 MS	16.35 mm	Medium deep - C shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
5 H-2	16.35 mm	High cup - C shape	Standard rim - Throat n. 2 (3,66 mm) for Cornet soloist

FLUGELHORN AND CORNET MEDIUM AND SMALL CUPS (size from no. 1 to no. 9)

Size no.	Cup diameter	Depth of the cup	Notes
6 D	16.28 mm	Deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
6 M	16.28 mm	Medium deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)
7 D	16.22 mm	Deep - U shape	Standard rim - Throat n. 7 standard (4.06 mm)
7 M	16.22 mm	Medium deep - C shape	Standard rim - Throat n. 7 standard (4.06 mm)
7 MS	16.22 mm	Medium deep - C shape	Semirounded rim - Throat n. 7 standard (4.06 mm)
7 H-2	16.22 mm	High cup - C shape	Standard rim - Throat n. 2 (3,66 mm) for Cornet soloist
8 M	16.08 mm	Medium deep - C shape	Standard rim - Throat n. 7 standard (4.06 mm)
9 M	16.08 mm	Medium deep - V shape	Standard rim - Throat n. 7 standard (4.06 mm)

NATURAL model Baroque trumpet cups

Size no.	Cup diameter	Depth of the cup	Notes
1 M	17.48 mm	Medium deep - C shape	
2 M	17.30 mm	Medium deep - C shape	
3 M	17.12 mm	Medium deep - C shape	Available options: Cup depth: High - Medium - Deep Rim: standard, Semirounded, Medium, Rounded, Narrow, Flat, Large, Wide, Extra-wide Throat: n. 4 (3,82 mm) n. 6 (3,98 mm) n. 8 (4,14 mm) Backbore: Medium #101 (standard) - Medium large #105 - Medium large #106 - Large #110
4 M	16.95 mm	Medium deep - C shape	
5 M	16.62 mm	Medium deep - C shape	
6 M	16.35 mm	Medium deep - C shape	
7 M	16.22 mm	Medium deep - C shape	

PICCOLO TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 12)

Size no.	Cup diameter	Depth of the cup	Notes
1 M	16.95 mm	Medium deep	Standard rim and throat
1 MS	16.95 mm	Medium deep	Semirounded rim, standard throat
1 MM	16.95 mm	Medium deep	Medium rim, standard throat
1 HS	16.95 mm	High cup	Semirounded rim, standard throat
1 HL	16.95 mm	High cup	Large rim, standard throat
2 M	16.95 mm	Medium deep	V shape of the cup for piccolo trumpet - Standard rim and throat
2 MS	16.95 mm	Medium deep	V shape of the cup for piccolo trumpet - Semirounded rim, standard throat
2 MM	16.95 mm	Medium deep	V shape of the cup for piccolo trumpet - Medium rim, standard throat
2 H	16.95 mm	High cup	V shape of the cup for piccolo trumpet - Standard rim and throat
2 HS	16.95 mm	High cup	V shape of the cup for piccolo trumpet - Semirounded rim, standard throat
3 M	16.62 mm	Medium deep	Standard rim and throat
3 MS	16.62 mm	Medium deep	Semirounded rim, standard throat
3 MM	16.62 mm	Medium deep	Medium rim, standard throat
3 ML	16.62 mm	Medium deep	Large rim, standard throat
3 H	16.62 mm	High cup	Standard rim and throat
3 HS	16.62 mm	High cup	Semirounded rim, standard throat
3 HM	16.62 mm	High cup	Medium rim, standard throat
3 HW	16.62 mm	High cup	Wide rim, standard throat
4 M	16.62 mm	Medium deep	V shape of the cup for piccolo trumpet - Standard rim and throat
4 MS	16.62 mm	Medium deep	V shape of the cup for piccolo trumpet - Semirounded rim, standard throat
4 MM	16.62 mm	Medium deep	V shape of the cup for piccolo trumpet - Medium rim, standard throat
4 H	16.62 mm	High cup	V shape of the cup for piccolo trumpet - Standard rim and throat
4 HS	16.62 mm	High cup	V shape of the cup for piccolo trumpet - Semirounded rim, standard throat
5 M	16.35 mm	Medium deep	Standard rim and throat
5 MM	16.35 mm	Medium deep	Medium rim, standard throat
5 ML	16.35 mm	Medium deep	Large rim, standard throat
5 H	16.35 mm	High cup	Standard rim and throat
5 HS	16.35 mm	High cup	Semirounded rim, standard throat
5 HS-1	16.35 mm	High cup	Throat no. 1 (3,58 mm) – Semirounded rim
5 HF-1	16.35 mm	High cup	Throat no. 1 (3,58 mm) – Flat rim

PICCOLO TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 12)

Size no.	Cup diameter	Depth of the cup	Notes
5 HM	16.35 mm	High cup	Medium rim, standard throat
5 HM-1	16.35 mm	High cup	Throat no. 1 (3,58 mm) – Medium rim
5 HW	16.35 mm	High cup	Wide rim, standard throat
5 HW-1	16.35 mm	High cup	Throat no. 1 (3,58 mm) – Wide rim
5 SF-1	16.35 mm	Shallow	Throat no. 1 (3,58 mm) – Flat rim
6 M	16.28 mm	Medium deep	V shape of the cup for piccolo trumpet - Standard rim and throat
6 H	16.28 mm	High cup	V shape of the cup for piccolo trumpet - Standard rim and throat
7 M	16.22 mm	Medium deep	Standard rim and throat
7 MM	16.22 mm	Medium deep	Medium rim, standard throat
7 H	16.22 mm	High cup	Standard rim and throat
7 HS	16.22 mm	High cup	Semirounded rim, standard throat
7 HS-1	16.22 mm	High cup	Throat no. 1 (3,58 mm) – Semirounded rim
7 HM	16.22 mm	High cup	Medium rim, standard throat
7 HW	16.22 mm	High cup	Wide rim, standard throat
7 S	16.22 mm	Shallow	Standard rim and throat
8 M	16.08 mm	Medium deep	Standard rim and throat
8 H	16.08 mm	High cup	Standard rim and throat
9 M	16.08 mm	Medium deep	V shape of the cup for piccolo trumpet - Standard rim and throat
9 H	16.08 mm	High cup	V shape of the cup for piccolo trumpet - Standard rim and throat
10 M	15.88 mm	Medium deep	Standard rim and throat
10 H	15.88 mm	High cup	Standard rim and throat
10 SF	15.88 mm	Shallow	Flat rim, standard throat
12 M	15.60 mm	Medium deep	Standard rim and throat
12 H	15.60 mm	High cup	Standard rim and throat

FRENCH HORN (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
1 D	18.48 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
1 DS	18.48 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
1 DF	18.48 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
1 DL	18.48 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
1 M	18.48 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
1 MS	18.48 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
1 MF	18.48 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
1 ML	18.48 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
1 H	18.48 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
1 HS	18.48 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
1 HF	18.48 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
1 HL	18.48 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
1+ D	18.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
1+ DS	18.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
1+ DF	18.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
1+ DL	18.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
1+ M	18.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
1+ MS	18.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
1+ MF	18.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
1+ ML	18.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
1+ H	18.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
1+ HS	18.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
1+ HF	18.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
1+ HL	18.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
2 D	18.48 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
2 DS	18.48 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
2 DF	18.48 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
2 DL	18.48 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)

FRENCH HORN (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
2 M	18.48 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
2 MS	18.48 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
2 MF	18.48 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
2 ML	18.48 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
2 H	18.48 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
2 HS	18.48 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
2 HF	18.48 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
2 HL	18.48 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
2+ D	18.30 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
2+ DS	18.30 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
2+ DF	18.30 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
2+ DL	18.30 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
2+ M	18.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
2+ MS	18.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
2+ MF	18.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
2+ ML	18.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
2+ H	18.30 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
2+ HS	18.30 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
2+ HF	18.30 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
2+ HL	18.30 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
3 D	18.12 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
3 DS	18.12 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
3 DF	18.12 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
3 DL	18.12 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
3 M	18.12 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
3 MS	18.12 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
3 MF	18.12 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
3 ML	18.12 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
3 H	18.12 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
3 HS	18.12 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
3 HF	18.12 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
3 HL	18.12 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
3+ D	17.82 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
3+ DS	17.82 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
3+ DF	17.82 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
3+ DL	17.82 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
3+ M	17.82 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
3+ MS	17.82 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
3+ MF	17.82 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
3+ ML	17.82 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
3+ H	17.82 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
3+ HS	17.82 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
3+ HF	17.82 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
3+ HL	17.82 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
4 D	18.12 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
4 DS	18.12 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
4 DF	18.12 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
4 DL	18.12 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
4 M	18.12 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
4 MS	18.12 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
4 MF	18.12 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
4 ML	18.12 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
4 H	18.12 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
4 HS	18.12 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
4 HF	18.12 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
4 HL	18.12 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
4+ D	17.82 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)

FRENCH HORN (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
4+ DS	17.82 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
4+ DF	17.82 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
4+ DL	17.82 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
4+ M	17.82 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
4+ MS	17.82 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
4+ MF	17.82 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
4+ ML	17.82 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
4+ H	17.82 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
4+ HS	17.82 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
4+ HF	17.82 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
4+ HL	17.82 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
5 D	17.52 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
5 DS	17.52 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
5 DF	17.52 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
5 DL	17.52 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
5 M	17.52 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
5 MS	17.52 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
5 MF	17.52 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
5 ML	17.52 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
5 H	17.52 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
5 HS	17.52 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
5 HF	17.52 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
5 HL	17.52 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
6 D	17.52 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
6 DS	17.52 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
6 DF	17.52 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
6 DL	17.52 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
6 M	17.52 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
6 MS	17.52 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
6 MF	17.52 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
6 ML	17.52 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
6 H	17.52 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
6 HS	17.52 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
6 HF	17.52 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
6 HL	17.52 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
7 D	17.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
7 DS	17.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
7 DF	17.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
7 DL	17.30 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
7 M	17.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
7 MS	17.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
7 MF	17.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
7 ML	17.30 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
7 H	17.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
7 HS	17.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
7 HF	17.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
7 HL	17.30 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
8 D	17.30 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
8 DS	17.30 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
8 DF	17.30 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
8 DL	17.30 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
8 M	17.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
8 MS	17.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
8 MF	17.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
8 ML	17.30 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
8 H	17.30 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
8 HS	17.30 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)

FRENCH HORN (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
8 HF	17.30 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
8 HL	17.30 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
9 D	16.95 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
9 DS	16.95 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
9 DF	16.95 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
9 DL	16.95 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
9 M	16.95 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
9 MS	16.95 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
9 MF	16.95 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
9 ML	16.95 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
9 H	16.95 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
9 HS	16.95 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
9 HF	16.95 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
9 HL	16.95 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
10 D	16.95 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
10 DS	16.95 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
10 DF	16.95 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
10 DL	16.95 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
10 M	16.95 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
10 MS	16.95 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
10 MF	16.95 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
10 ML	16.95 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
10 H	16.95 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
10 HS	16.95 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
10 HF	16.95 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
10 HL	16.95 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
11 D	16.62 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
11 DS	16.62 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
11 DF	16.62 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
11 DL	16.62 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
11 M	16.62 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
11 MS	16.62 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
11 MF	16.62 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
11 ML	16.62 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
11 H	16.62 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
11 HS	16.62 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
11 HF	16.62 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
11 HL	16.62 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
12 D	16.62 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
12 DS	16.62 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
12 DF	16.62 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
12 DL	16.62 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
12 M	16.62 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
12 MS	16.62 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
12 MF	16.62 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
12 ML	16.62 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
12 H	16.62 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
12 HS	16.62 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
12 HF	16.62 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
12 HL	16.62 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
13 D	16.22 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
13 DS	16.22 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
13 DF	16.22 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
13 DL	16.22 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
13 M	16.22 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
13 MS	16.22 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
13 MF	16.22 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)

FRENCH HORN (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
13 ML	16.22 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
13 H	16.22 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
13 HS	16.22 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
13 HF	16.22 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
13 HL	16.22 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
14 D	16.22 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
14 DS	16.22 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
14 DF	16.22 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
14 DL	16.22 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
14 M	16.22 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
14 MS	16.22 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
14 MF	16.22 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
14 ML	16.22 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
14 H	16.22 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
14 HS	16.22 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
14 HF	16.22 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
14 HL	16.22 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
15 D	15.88 mm	Deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
15 DS	15.88 mm	Deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
15 DF	15.88 mm	Deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
15 DL	15.88 mm	Deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
15 M	15.88 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
15 MS	15.88 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
15 MF	15.88 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
15 ML	15.88 mm	Medium deep	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
15 H	15.88 mm	High cup	Standard throat (n. 10) 4.50 mm - Rounded rim (thickness 3.82 mm)
15 HS	15.88 mm	High cup	Standard throat (n. 10) 4.50 mm - Semirounded rim (thickness 4.05 mm)
15 HF	15.88 mm	High cup	Standard throat (n. 10) 4.50 mm - Flat rim (thickness 3.82 mm)
15 HL	15.88 mm	High cup	Standard throat (n. 10) 4.50 mm - Large rim (thickness 4.30 mm)
16 D	15.88 mm	Deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
16 DS	15.88 mm	Deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
16 DF	15.88 mm	Deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
16 DL	15.88 mm	Deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
16 M	15.88 mm	Medium deep	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
16 MS	15.88 mm	Medium deep	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
16 MF	15.88 mm	Medium deep	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
16 ML	15.88 mm	Medium deep	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)
16 H	15.88 mm	High cup	Special throat (n. 9) 4.30 mm - Rounded rim (thickness 3.82 mm)
16 HS	15.88 mm	High cup	Special throat (n. 9) 4.30 mm - Semirounded rim (thickness 4.05 mm)
16 HF	15.88 mm	High cup	Special throat (n. 9) 4.30 mm - Flat rim (thickness 3.82 mm)
16 HL	15.88 mm	High cup	Special throat (n. 9) 4.30 mm - Large rim (thickness 4.30 mm)

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