



*f*rate precision[®]
PROFESSIONAL BRASS MOUTHPIECES

GENERAL
CATALOG





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, graduate in trumpet and expert in metalworking.

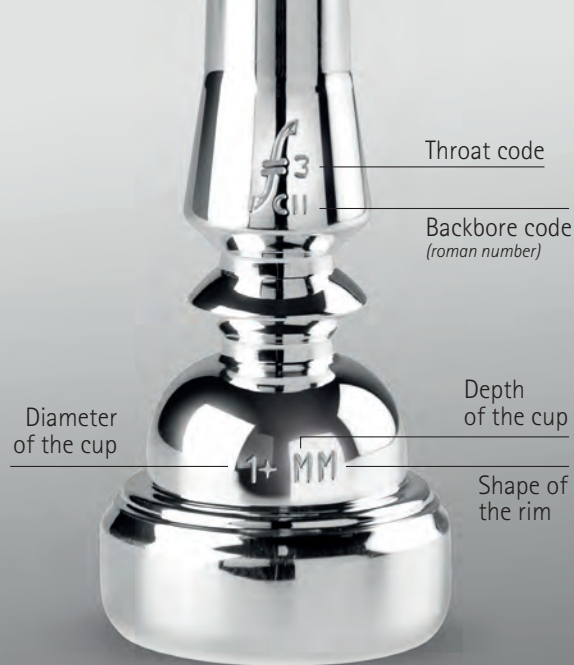
Frate Precision is located in Traona, Lombardy and offers a wide range of professional mouthpieces for Trumpet, Horn, Flugelhorn, Cornet and Piccolo Trumpet.

DESIGN & SOUND MADE IN ITALY

Our mouthpieces guarantee fluidity, richness of sound, easy sound emission and offer great quality for a great price. Performance and reliability Made in Italy.

4 MODELS, UNLIMITED COMBINATIONS

Frate Precision meets any technical, performing or timbre requirements thanks to the wide range of Rims, Cups, Throats and Backbores available. Four models for trumpet and, for those musicians who prefer wider cups, a Wide Set (+) in 6 different measures with a cup diameter larger than 17 mm.



TECHNICAL CHARACTERISTICS

THE MATERIALS

The use of high quality raw materials gives the product a great sound quality.

Thanks to the most recent technologies based on **CAD-CAM** software planning during the productive process and to the product making with **CNC** machines, we are able to guarantee any mouthpiece can be reproduced with centesimal tolerances.

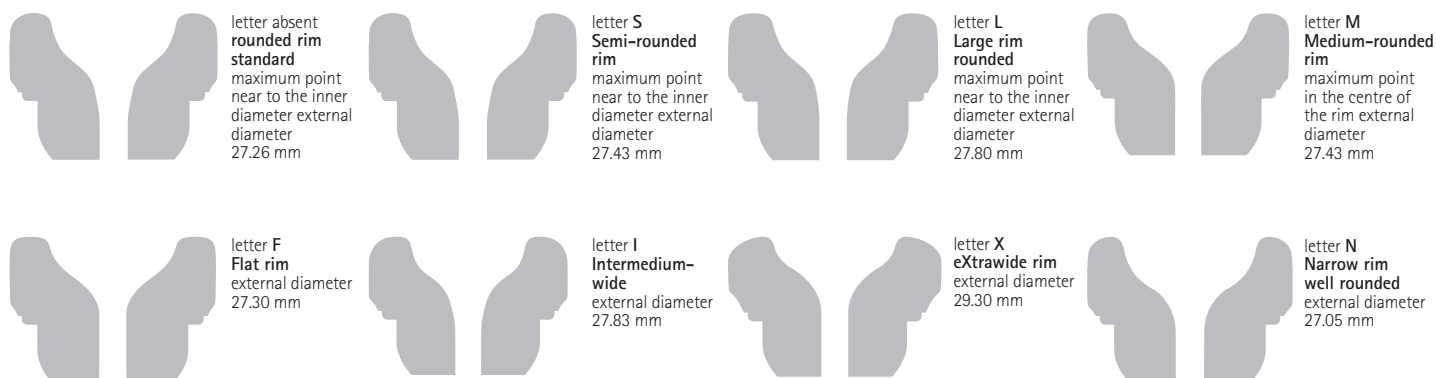
THE CUP

(Trumpet - Flugelhorn - Cornet - Piccolo Trumpet)

Number from 1+ to 6+ wide cup diameter	Number from 1 to 9 cup diameter	Number from 10 to 16 cup diameter	First letter after the number depth of the cup
1+ 17.66 mm	1 16.95 mm	10 15.88 mm	Letter S Shallow
2+ 17.48 mm	2 16.95 mm *	11 15.88 mm *	Letter H High cup
3+ 17.30 mm	3 16.62 mm	12 15.60 mm	Letter M Medium deep
4+ 17.30 mm *	4 16.62 mm *	13 15.60 mm *	Letter D Deep
5+ 17.12 mm	5 16.35 mm	14 15.44 mm	Letter X eXtra deep
6+ 17.12 mm *	6 16.28 mm *	15 15.22 mm	
	7 16.22 mm	16 15.16 mm	
	8 16.08 mm		
	9 16.08 mm *		

(* V shape of the cup)

Second Letter after the number
shape of the rim



THE THROAT, THE BACKBORE AND THE SHANK

THROAT NUMBER	DIAMETER	DESCRIPTION
no. 1	3.58 mm	
no. 2	3.66 mm	Standard throat (code not engraved)
no. 3	3.74 mm	Suggested in combination with medium large backbore
no. 4	3.82 mm	
no. 5	3.90 mm	
no. 6	3.98 mm	Suggested in combination with large backbore
no. 7	4.06 mm	Standard for Flugelhorn and Cornet mouthpiece
no. 8	4.14 mm	
no. 9	4.50 mm	Standard for Horn mouthpiece
no. 10	4.70 mm	Special for Horn mouthpiece

NUMBER OF BACKBORE (FOR TRUMPET)	DESCRIPTION
EXTRA-LARGE no. 103 Available only for Trumpet standard shank	Roman number CIII engraved on the shank Very Open backbore
LARGE no. 100 Available only for Trumpet standard shank	Roman number C engraved on the shank Open backbore
MEDIUM-LARGE no. 102	Roman number CII engraved on the shank Warm sound. Less open than #105 backbore
MEDIUM-LARGE no. 105	Roman number CV engraved on the shank Warm sound. Symphonic backbore
MEDIUM-LARGE no. 106	Roman number CVI engraved on the shank Full Natural sound
MEDIUM no. 101 Standard backbore	(Standard backbore code not engraved) Bright sound backbore
SEMI-NARROW no. 104	Roman number CIV engraved on the shank Bright edgy sound backbore

CLASSIFICATION OF THE SHANK	DESCRIPTION
standard Trumpet shank for Bb and C TRUMPET	shank code not engraved - length of the mouthpiece 87,5 mm
Medium Trumpet shank for Bb and C TRUMPET	M engraved on the shank - length of the mouthpiece 80 mm
Short Trumpet shank for Eb TRUMPET and PICCOLO TRUMPET	S engraved on the shank - length 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

GENERAL CATALOG

4 models, unlimited combinations

To satisfy requirements of any musician, Frate Precision has developed four different mouthpiece models.

CLASSIC



Standard design of the mouthpiece

Available for trumpet, flugelhorn, horn, cornet and piccolo trumpet.
Available silver or gold plated.

HEAVY



Heavy design of the mouthpiece

Available for trumpet medium length of the shank.
Available silver or gold plated.

MULTIRIM



Multirim mouthpiece

The body in silver plated or gold plated brass and the screw rim available in ebonite, or in silver plated or gold plated brass.



MULTIGAP

An easy way to modify the gap between the receiver of the trumpet and the mouthpiece, by using different screw sleeves. MULTIGAP Frate Precision allows the player to increase or decrease the gap. The body of the mouthpiece has an external screw on the shank. The trumpet player is given different screw sleeves, in order to adjust the correct measure of the gap. The base kit made up of 6 screw reduction sleeves allows to increase 1.6 mm or decrease 2.4 mm.
Available silver or gold plated.



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

Wide size no.	Cup diameter	Depth of the cup	Notes
1+ D	17.66 mm	Deep	Standard rim, throat and backbore
1+ D,3	17.66 mm	Deep	Throat no. 3 (3,74 mm) - Standard rim and backbore
1+ M	17.66 mm	Medium deep	Standard rim, throat and backbore
1+ M,3,106	17.66 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
1+ ML	17.66 mm	Medium deep	Large rim, standard throat and backbore
1+ ML,3,105	17.66 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Large rim
1+ ML,3,106	17.66 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Large rim
1+ ML,6,102	17.66 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Large rim
1+ MI	17.66 mm	Medium deep	Intermedium rim, standard throat and backbore
2+ D	17.48 mm	Deep	Standard rim, throat and backbore
2+ DS	17.48 mm	Deep	Semirounded rim, standard throat and backbore
2+ M	17.48 mm	Medium deep	Standard rim, throat and backbore
2+ M,3,102	17.48 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #102 - Standard rim
2+ M,3,105	17.48 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Standard rim
2+ M,3,106	17.48 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
2+ M,6,102	17.48 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Standard rim
2+ MS,6,102	17.48 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Semirounded rim
2+ ML	17.48 mm	Medium deep	Large rim, standard throat and backbore
2+ ML,3,106	17.48 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Large rim
3+ D	17.30 mm	Deep	Standard rim, throat and backbore
3+ D,3,105	17.30 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Standard rim
3+ D,3,106	17.30 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
3+ DS	17.30 mm	Deep	Semirounded rim, standard throat and backbore
3+ DS,3,105	17.30 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Semirounded rim
3+ DM	17.30 mm	Deep	Medium rim, standard throat and backbore
3+ DM,3,105	17.30 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Medium rim
3+ DL,3,105	17.30 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Large rim
3+ DL,3,106	17.30 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Large rim
3+ DL,6,102	17.30 mm	Deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Large rim
3+ M	17.30 mm	Medium deep	Standard rim, throat and backbore
3+ M,3,104	17.30 mm	Medium deep	Throat no. 3 (3,74 mm) - Semi-narrow backbore #104 - Standard rim
3+ M,3,105	17.30 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Standard rim
3+ M,3,106	17.30 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
3+ MS	17.30 mm	Medium deep	Semirounded rim, standard throat and backbore
4+ D	17.30 mm	Deep	V shape of the cup for trumpet - Standard rim, throat and backbore
4+ D,3,106	17.30 mm	Deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
4+ M	17.30 mm	Medium deep	V shape of the cup for trumpet - Standard rim, throat and backbore
4+ M,3,105	17.30 mm	Medium deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #105 - Standard rim
4+ M,3,106	17.30 mm	Medium deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
5+ D	17.12 mm	Deep	Standard rim, throat and backbore
5+ D,3,105	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Standard rim
5+ D,3,106	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
5+ D,6,105	17.12 mm	Deep	Throat no. 6 (3,98 mm) - Medium-large backbore #105 - Standard rim
5+ D,6,106	17.12 mm	Deep	Throat no. 6 (3,98 mm) - Medium-large backbore #106 - Standard rim
5+ DS	17.12 mm	Deep	Semirounded rim, standard throat and backbore
5+ DS,102	17.12 mm	Deep	Semirounded rim - Medium-large backbore #102, standard throat
5+ DS,3	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Semirounded rim, standard backbore
5+ DS,3,102	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #102 - Semirounded rim
5+ DS,3,105	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Semirounded rim
5+ DS,4	17.12 mm	Deep	Throat no. 4 (3,82 mm) - Semirounded rim, standard backbore
5+ DM	17.12 mm	Deep	Medium rim, standard throat and backbore
5+ DM,3	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium rim, standard backbore
5+ DM,3,105	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Medium rim
5+ DM,3,106	17.12 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Medium rim
5+ DL,6,105	17.12 mm	Deep	Throat no. 6 (3,98 mm) - Medium-large backbore #105 - Large rim
5+ M	17.12 mm	Medium deep	Standard rim, throat and backbore
5+ M,3,104	17.12 mm	Medium deep	Throat no. 3 (3,74 mm) - Semi-narrow backbore #104 - Standard rim

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

Wide size no.	Cup diameter	Depth of the cup	Notes
5+ M,3,105	17.12 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Standard rim
5+ M,3,106	17.12 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Standard rim
5+ M,6,105	17.12 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #105 – Standard rim
5+ M,8,102	17.12 mm	Medium deep	Throat no. 8 (4,14 mm) – Medium-large backbore #102 – Standard rim
5+ M,8,105	17.12 mm	Medium deep	Throat no. 8 (4,14 mm) – Medium-large backbore #105 – Standard rim
5+ M,8,106	17.12 mm	Medium deep	Throat no. 8 (4,14 mm) – Medium-large backbore #106 – Standard rim
5+ MS	17.12 mm	Medium deep	Semirounded rim, standard throat and backbore
5+ MS,3,106	17.12 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Semirounded rim
5+ MS,6,102	17.12 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #102 – Semirounded rim
5+ MS,6,106	17.12 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #106 – Semirounded rim
5+ MF	17.12 mm	Medium deep	Flat rim, standard throat and backbore
5+ MM	17.12 mm	Medium deep	Medium rim, standard throat and backbore
5+ MM,3,105	17.12 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Medium rim
5+ ML,3,106	17.12 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Large rim
5+ HF	17.12 mm	High cup	Flat rim, standard throat and backbore
6+ D,3,106	17.12 mm	Deep	V shape of the cup for trumpet – Standard rim – Throat no. 3 (3,74 mm) – Medium-large backbore #106
6+ DS	17.12 mm	Deep	V shape of the cup for trumpet – Semirounded rim – standard throat and backbore
6+ DM	17.12 mm	Deep	V shape of the cup for trumpet – Medium rim – standard throat and backbore
6+ M	17.12 mm	Medium deep	V shape of the cup for trumpet – Standard rim, throat and backbore
6+ M,3,102	17.12 mm	Medium deep	V shape of the cup for trumpet – Throat no. 3 (3,74 mm) – Medium large backbore #102 – Standard rim
6+ M,3,105	17.12 mm	Medium deep	V shape of the cup for trumpet – Throat no. 3 (3,74 mm) – Medium large backbore #105 – Standard rim
6+ M,3,106	17.12 mm	Medium deep	V shape of the cup for trumpet – Throat no. 3 (3,74 mm) – Medium large backbore #106 – Standard rim
6+ M,6,106	17.12 mm	Medium deep	V shape of the cup for trumpet – Throat no. 6 (3,98 mm) – Medium large backbore #106 – Standard rim
6+ H	17.12 mm	High cup	V shape of the cup for trumpet – Standard rim, throat and backbore

TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
1 D	16.95 mm	Deep	Standard rim, throat and backbore
1 D,3,105	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Standard rim
1 D,3,106	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Standard rim
1 DS	16.95 mm	Deep	Semirounded rim, standard throat and backbore
1 DS,3	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Semirounded rim, standard backbore
1 DS,3,102	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #102 – Semirounded rim
1 DS,3,105	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Semirounded rim
1 DM	16.95 mm	Deep	Medium rim, standard throat and backbore
1 DN,3,105	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Narrow rim
1 DN,3,106	16.95 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Narrow rim
1 M	16.95 mm	Medium deep	Standard rim, throat and backbore
1 M,3,104	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Semi-narrow backbore #104 – Standard rim
1 M,3,105	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Standard rim
1 M,3,106	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Standard rim
1 M,6,102	16.95 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #102 – Standard rim
1 M,6,105	16.95 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #105 – Standard rim
1 M,6,106	16.95 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #106 – Standard rim
1 MS	16.95 mm	Medium deep	Semirounded rim, standard throat and backbore
1 MS,3,105	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Semirounded rim
1 MS,3,106	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Semirounded rim
1 MS,6,102	16.95 mm	Medium deep	Throat no. 6 (3,98 mm) – Medium-large backbore #102 – Semirounded rim
1 MM,3,106	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Medium rim
1 ML,3,106	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Large rim
1 MN,3,106	16.95 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Narrow rim
1 HF	16.95 mm	High cup	Flat rim, standard throat and backbore
1 HF,104	16.95 mm	High cup	Semi-narrow backbore #104 – Flat rim, standard throat
1 HF,106	16.95 mm	High cup	Medium-large backbore #106 – Flat rim, standard throat
1 HM	16.95 mm	High cup	Medium rim, standard throat and backbore
1 HM,104	16.95 mm	High cup	Semi-narrow backbore #104 – Medium rim, standard throat

TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
1 HL	16.95 mm	High cup	Large rim, standard throat and backbore
1 S	16.95 mm	Shallow	Standard rim, throat and backbore
1 S,104	16.95 mm	Shallow	Semi-narrow backbore #104 - Standard rim and throat
1 S,106	16.95 mm	Shallow	Medium-large backbore #106 - Standard rim and throat
2 D	16.95 mm	Deep	V shape of the cup for trumpet - Standard rim, throat and backbore
2 D,3,106	16.95 mm	Deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
2 DS	16.95 mm	Deep	V shape of the cup for trumpet - Semirounded rim, standard throat and backbore
2 DM	16.95 mm	Deep	V shape of the cup for trumpet - Medium rim, standard throat and backbore
2 M	16.95 mm	Medium deep	V shape of the cup for trumpet - Standard rim, throat and backbore
2 M,3,105	16.95 mm	Medium deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #105 - Standard rim
2 M,3,106	16.95 mm	Medium deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
2 M,6,105	16.95 mm	Medium deep	V shape of the cup for trumpet - Throat no. 6 (3,98 mm) - Medium large backbore #105 - Standard rim
2 MF	16.95 mm	Medium deep	V shape of the cup for trumpet - Flat rim, standard throat and backbore
2 H	16.95 mm	High cup	V shape of the cup for trumpet - Standard rim, throat and backbore
3 D,3,105	16.62 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 Standard rim
3 D,3,106	16.62 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 Standard rim
3 DS	16.62 mm	Deep	Semirounded rim, standard throat and backbore
3 DM	16.62 mm	Deep	Medium rim, standard throat and backbore
3 DM,3,105	16.62 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 Medium rim
3 M	16.62 mm	Medium deep	Standard rim, throat and backbore
3 M,3,104	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Semi-narrow backbore #104 Standard rim
3 M,3,105	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 Standard rim
3 M,3,106	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
3 M,6,102	16.62 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Standard rim
3 M,6,105	16.62 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #105 - Standard rim
3 M,6,106	16.62 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #106 - Standard rim
3 MS	16.62 mm	Medium deep	Semirounded rim, standard throat and backbore
3 MS,3,105	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Semirounded rim
3 MS,3,106	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Semirounded rim
3 MS,6,102	16.62 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Semirounded rim
3 MM	16.62 mm	Medium deep	Medium rim, standard throat and backbore
3 MM,3,105	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Medium rim
3 MM,6,102	16.62 mm	Medium deep	Throat no. 6 (3,98 mm) - Medium-large backbore #102 - Medium rim
3 ML	16.62 mm	Medium deep	Large rim, standard throat and backbore
3 ML,3,106	16.62 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Large rim
3 HS	16.62 mm	High cup	Semirounded rim, standard throat and backbore
3 HF	16.62 mm	High cup	Flat rim, standard throat and backbore
3 HF,104	16.62 mm	High cup	Semi-narrow backbore #104 - Flat rim, standard throat
3 HM	16.62 mm	High cup	Medium rim, standard throat and backbore
3 HM,104	16.62 mm	High cup	Semi-narrow backbore #104 - Medium rim, standard throat
3 HM,106	16.62 mm	High cup	Medium-large backbore #106 - Medium rim, standard throat
3 S	16.62 mm	Shallow	Standard rim, throat and backbore
3 SM	16.62 mm	Shallow	Medium rim, standard throat and backbore
4 D	16.62 mm	Deep	V shape of the cup for trumpet - Standard rim, throat and backbore
4 D,3,106	16.62 mm	Deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
4 M	16.62 mm	Medium deep	V shape of the cup for trumpet - Standard rim, throat and backbore
4 M,3,106	16.62 mm	Medium deep	V shape of the cup for trumpet - Throat no. 3 (3,74 mm) - Medium large backbore #106 - Standard rim
4 H,106	16.62 mm	High cup	V shape of the cup for trumpet - Medium large backbore #106 - Standard rim and throat
5 D,3,105	16.35 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Standard rim
5 D,3,106	16.35 mm	Deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
5 DS	16.35 mm	Deep	Semirounded rim, standard throat and backbore
5 DM	16.35 mm	Deep	Medium rim, standard throat and backbore
5 M	16.35 mm	Medium deep	Standard rim, throat and backbore
5 M,3,102	16.35 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #102 - Standard rim
5 M,3,105	16.35 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #105 - Standard rim
5 M,3,106	16.35 mm	Medium deep	Throat no. 3 (3,74 mm) - Medium-large backbore #106 - Standard rim
5 MS	16.35 mm	Medium deep	Semirounded rim, standard throat and backbore

TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
5 MM	16.35 mm	Medium deep	Medium rim, standard throat and backbore
5 MM,3,106	16.35 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Medium rim
5 HF	16.35 mm	High cup	Flat rim, standard throat and backbore
5 HF,104	16.35 mm	High cup	Semi-narrow backbore #104 – Flat rim, standard throat
5 HM,106	16.35 mm	High cup	Medium-large backbore #106 – Medium rim, standard throat
5 HI,104	16.35 mm	High cup	Semi-narrow backbore #104 – Intermedium rim, standard throat
5 HI,106	16.35 mm	High cup	Medium-large backbore #106 – Intermedium rim, standard throat
6 D	16.28 mm	Deep	V shape of the cup for trumpet – Standard rim, throat and backbore
6 D,3,106	16.28 mm	Deep	V shape of the cup for trumpet – Throat no. 3 (3,74 mm) – Medium large backbore #106 – Standard rim
6 DS	16.28 mm	Deep	V shape of the cup for trumpet – Semirounded rim, standard throat and backbore
6 M	16.28 mm	Medium deep	V shape of the cup for trumpet – Standard rim, throat and backbore
6 M,3,106	16.28 mm	Medium deep	V shape of the cup for trumpet – Throat no. 3 (3,74 mm) – Medium large backbore #106 – Standard rim
6 H	16.28 mm	High cup	V shape of the cup for trumpet – Standard rim, throat and backbore
6 H,106	16.28 mm	High cup	V shape of the cup for trumpet – Medium large backbore #106 Standard rim and throat
7 D,3,105	16.22 mm	Deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 Standard rim
7 DS	16.22 mm	Deep	Semirounded rim, standard throat and backbore
7 DL	16.22 mm	Deep	Large rim, standard throat and backbore
7 M	16.22 mm	Medium deep	Standard rim, throat and backbore
7 M,3,102	16.22 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #102 – Standard rim
7 M,3,105	16.22 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Standard rim
7 M,3,106	16.22 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Standard rim
7 MS	16.22 mm	Medium deep	Semirounded rim, standard throat and backbore
7 MS,3,105	16.22 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Semirounded rim
7 ML	16.22 mm	Medium deep	Large rim, standard throat and backbore
7 H	16.22 mm	High cup	Standard rim, throat and backbore
7 HS	16.22 mm	High cup	Semirounded rim, standard throat and backbore
7 HF	16.22 mm	High cup	Flat rim, standard throat and backbore
7 HM	16.22 mm	High cup	Medium rim, standard throat and backbore
7 HM,104	16.22 mm	High cup	Semi-narrow backbore #104 – Medium rim, standard throat
7 HM,106	16.22 mm	High cup	Medium-large backbore #106 – Medium rim, standard throat
7 HI,104	16.22 mm	High cup	Semi-narrow backbore #104 – Intermedium rim, standard throat
7 HI,106	16.22 mm	Shallow	Medium-large backbore #106 – Intermedium rim, standard throat
7 SF	16.22 mm	Shallow	Flat rim, standard throat and backbore
7 SM	16.22 mm	Shallow	Medium rim, standard throat and backbore
8 D	16.08 mm	Deep	Standard rim, throat and backbore
8 M	16.08 mm	Medium deep	Standard rim, throat and backbore
8 HM	16.08 mm	High cup	Medium rim, standard throat and backbore
8 SF	16.08 mm	Shallow	Flat rim, standard throat and backbore
8 SM	16.08 mm	Shallow	Medium rim, standard throat and backbore
10 D	15.88 mm	Deep	Standard rim, throat and backbore
10 M	15.88 mm	Medium deep	Standard rim, throat and backbore
10 M,3,102	15.88 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #102 – Standard rim
10 M,3,105	15.88 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Standard rim
10 M,3,106	15.88 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #106 – Standard rim
10 MS	15.88 mm	Medium deep	Semirounded rim, standard throat and backbore
10 MS,3,105	15.88 mm	Medium deep	Throat no. 3 (3,74 mm) – Medium-large backbore #105 – Semirounded rim
10 H	15.88 mm	High cup	Standard rim, throat and backbore
10 HF	15.88 mm	High cup	Flat rim, standard throat and backbore
10 HM	15.88 mm	High cup	Medium rim, standard throat and backbore
10 SF	15.88 mm	Shallow	Flat rim, standard throat and backbore
10 SF,104	15.88 mm	Shallow	Semi-narrow backbore #104 – Flat rim, standard throat
10 SF,106	15.88 mm	Shallow	Medium-large backbore #106 – Flat rim, standard throat
12 M	15.60 mm	Medium deep	Standard rim, throat and backbore
12 H	15.60 mm	High cup	Standard rim, throat and backbore
12 HF	15.60 mm	High cup	Flat rim, standard throat and backbore
12 HM	15.60 mm	High cup	Medium rim, standard throat and backbore
12 S	15.60 mm	Shallow	Standard rim, throat and backbore

TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
12 SF	15.60 mm	Shallow	Flat rim, standard throat and backbore
12 SM	15.60 mm	Shallow	Medium rim, standard throat and backbore
14 M	15.44 mm	Medium deep	Standard rim, throat and backbore
14 H	15.44 mm	High cup	Standard rim, throat and backbore
16 M	15.16 mm	Medium deep	Standard rim, throat and backbore
16 H	15.16 mm	High cup	Standard rim, throat and backbore

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

Wide size no.	Cup diameter	Depth of the cup	Notes
5+ XS	17.12 mm	Extra deep	V shape of the cup - Semirounded rim
5+ XM	17.12 mm	Extra deep	V shape of the cup - Medium rim
5+ DS	17.12 mm	Deep	V shape of the cup - Semirounded rim
5+ DM	17.12 mm	Deep	V shape of the cup - Medium rim
5+ M	17.12 mm	Medium deep	V shape of the cup - Standard rim

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 of the cup - Standard rim
1 XS	16.95 mm	Extra deep	V shape of the cup - Semirounded rim
1 XM	16.95 mm	Extra deep	V shape of the cup - Medium rim
1 D	16.95 mm	Deep	V shape of the cup - Standard rim
1 DS	16.95 mm	Deep	V shape of the cup - Semirounded rim
1 DM	16.95 mm	Deep	V shape of the cup - Medium rim
1 DL	16.95 mm	Deep	V shape of the cup - Large rim
1 M	16.95 mm	Medium deep	V shape of the cup - Standard rim
1 MS	16.95 mm	Medium deep	V shape of the cup - Semirounded rim
1 MM	16.95 mm	Medium deep	V shape of the cup - Medium rim
1 H	16.95 mm	High cup	V shape of the cup - Standard rim
1 HS	16.95 mm	High cup	V shape of the cup - Semirounded rim
2 XM	16.95 mm	Extra deep	V shape of the cup special - Medium rim
2 D	16.95 mm	Deep	V shape of the cup special - Standard rim
2 DS	16.95 mm	Deep	V shape of the cup special - Semirounded rim
2 DM	16.95 mm	Deep	V shape of the cup special - Medium rim
2 M	16.95 mm	Medium deep	V shape of the cup special - Standard rim
2 MS	16.95 mm	Medium deep	V shape of the cup special - Semirounded rim
2 MM	16.95 mm	Medium deep	V shape of the cup special - Medium rim
2 H	16.95 mm	High cup	V shape of the cup special - Standard rim
2 HS	16.95 mm	High cup	V shape of the cup special - Semirounded rim
3 XS	16.62 mm	Extra deep	Semirounded rim
3 D	16.62 mm	Deep	Standard rim
3 DS	16.62 mm	Deep	Semirounded rim
3 DM	16.62 mm	Deep	Medium rim
3 M	16.62 mm	Medium deep	Standard rim
3 MS	16.62 mm	Medium deep	Semirounded rim
3 MM	16.62 mm	Medium deep	Medium rim
3 HS	16.62 mm	High cup	Semirounded rim
4 D	16.62 mm	Deep	V shape of the cup - Standard rim
4 DS	16.62 mm	Deep	V shape of the cup - Semirounded rim
4 DM	16.62 mm	Deep	V shape of the cup - Medium rim
4 M	16.62 mm	Medium deep	V shape of the cup - Standard rim
4 MS	16.62 mm	Medium deep	V shape of the cup - Semirounded rim
4 MM	16.62 mm	Medium deep	V shape of the cup - Medium rim
4 H	16.62 mm	High cup	V shape of the cup - Standard rim
4 HS	16.62 mm	High cup	V shape of the cup - Semirounded rim
4 S	16.62 mm	Shallow	V shape of the cup - Standard rim

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

Size no.	Cup diameter	Depth of the cup	Notes
4 SS	16.62 mm	Shallow	V shape of the cup - Semirounded rim
4 SF	16.62 mm	Shallow	V shape of the cup - Flat rim
4 SM	16.62 mm	Shallow	V shape of the cup - Medium rim
5 D	16.35 mm	Deep	Standard rim
5 DS	16.35 mm	Deep	Semirounded rim
5 DM	16.35 mm	Deep	Medium rim
5 M	16.35 mm	Medium deep	Standard rim
5 MS	16.35 mm	Medium deep	Semirounded rim
5 MM	16.35 mm	Medium deep	Medium rim
5 H	16.35 mm	High cup	Standard rim
5 HS	16.35 mm	High cup	Semirounded rim
6 D	16.28 mm	Deep	V shape of the cup - Standard rim
6 M	16.28 mm	Medium deep	V shape of the cup - Standard rim
6 H	16.28 mm	High cup	V shape of the cup - Standard rim
7 D	16.22 mm	Deep	V shape of the cup - Standard rim
7 DS	16.22 mm	Deep	V shape of the cup - Semirounded rim
7 DM	16.22 mm	Deep	V shape of the cup - Medium rim
7 M	16.22 mm	Medium deep	V shape of the cup - Standard rim
7 MS	16.22 mm	Medium deep	V shape of the cup - Semirounded rim
7 MM	16.22 mm	Medium deep	V shape of the cup - Medium rim
7 H	16.22 mm	High cup	V shape of the cup - Standard rim
9 D	16.08 mm	Deep	V shape of the cup - Standard rim
9 M	16.08 mm	Medium deep	V shape of the cup - Standard rim

PICCOLO TRUMPET MEDIUM AND SMALL CUPS (size from no. 1 to no. 13)

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 HI	16.62 mm	High cup	Intermedium 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. 13)

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 HI	16.35 mm	High cup	Intermedium rim, standard throat
5 HI,1	16.35 mm	High cup	Throat no. 1 (3,58 mm) – Intermedium 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 HI	16.22 mm	High cup	Intermedium 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
13 H	15.60 mm	High cup	V shape of the cup for piccolo trumpet – Standard rim and throat

FRENCH HORN WIDE, MEDIUM AND SMALL CUPS (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. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
1 DS	18.48 mm	Deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
1 DL	18.48 mm	Deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
1 M	18.48 mm	Medium deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
1 MS	18.48 mm	Medium deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
1 ML	18.48 mm	Medium deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
1 H	18.48 mm	High cup	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
1 HS	18.48 mm	High cup	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
1 HL	18.48 mm	High cup	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
2 D	18.48 mm	Deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
2 DS	18.48 mm	Deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
2 DL	18.48 mm	Deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
2 M	18.48 mm	Medium deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
2 MS	18.48 mm	Medium deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
2 ML	18.48 mm	Medium deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
2 H	18.48 mm	High cup	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
2 HS	18.48 mm	High cup	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
2 HL	18.48 mm	High cup	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
3 D	18.12 mm	Deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
3 DS	18.12 mm	Deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
3 DL	18.12 mm	Deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
3 M	18.12 mm	Medium deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
3 MS	18.12 mm	Medium deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
3 ML	18.12 mm	Medium deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
3 H	18.12 mm	High cup	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
3 HS	18.12 mm	High cup	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
3 HL	18.12 mm	High cup	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
4 D	18.12 mm	Deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)

FRENCH HORN WIDE, MEDIUM AND SMALL CUPS (size from no. 1 to no. 16)

Size no.	Cup diameter	Depth of the cup	Notes
4 DS	18.12 mm	Deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
4 DL	18.12 mm	Deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
4 M	18.12 mm	Medium deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
4 MS	18.12 mm	Medium deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
4 ML	18.12 mm	Medium deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
4 H	18.12 mm	High cup	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
4 HS	18.12 mm	High cup	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
4 HL	18.12 mm	High cup	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
5 D	17.72 mm	Deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
5 DS	17.72 mm	Deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
5 DL	17.72 mm	Deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
5 M	17.72 mm	Medium deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
5 MS	17.72 mm	Medium deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
5 ML	17.72 mm	Medium deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
5 H	17.72 mm	High cup	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
5 HS	17.72 mm	High cup	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
5 HL	17.72 mm	High cup	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
6 D	17.72 mm	Deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
6 DS	17.72 mm	Deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
6 DL	17.72 mm	Deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
6 M	17.72 mm	Medium deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
6 MS	17.72 mm	Medium deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
6 ML	17.72 mm	Medium deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
6 H	17.72 mm	High cup	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
6 HS	17.72 mm	High cup	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
6 HL	17.72 mm	High cup	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
7 D	17.30 mm	Deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
7 DS	17.30 mm	Deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
7 DL	17.30 mm	Deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
7 M	17.30 mm	Medium deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
7 MS	17.30 mm	Medium deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
7 ML	17.30 mm	Medium deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
7 H	17.30 mm	High cup	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
7 HS	17.30 mm	High cup	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
7 HL	17.30 mm	High cup	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
8 D	17.30 mm	Deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
8 DS	17.30 mm	Deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
8 DL	17.30 mm	Deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
8 M	17.30 mm	Medium deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
8 MS	17.30 mm	Medium deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
8 ML	17.30 mm	Medium deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
8 H	17.30 mm	High cup	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
8 HS	17.30 mm	High cup	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
8 HL	17.30 mm	High cup	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
9 D	16.95 mm	Deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
9 DS	16.95 mm	Deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
9 DL	16.95 mm	Deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
9 M	16.95 mm	Medium deep	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
9 MS	16.95 mm	Medium deep	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
9 ML	16.95 mm	Medium deep	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
9 H	16.95 mm	High cup	Standard throat (n. 9) 4.50 mm Rounded rim (rim width 3.82 mm)
9 HS	16.95 mm	High cup	Standard throat (n. 9) 4.50 mm Semirounded rim (rim width 4.05 mm)
9 HL	16.95 mm	High cup	Standard throat (n. 9) 4.50 mm Large semirounded rim (rim width 4.30 mm)
10 D	16.95 mm	Deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)
10 DS	16.95 mm	Deep	Special throat (n. 10) 4.70 mm Semirounded rim (rim width 4.05 mm)
10 DL	16.95 mm	Deep	Special throat (n. 10) 4.70 mm Large semirounded rim (rim width 4.30 mm)
10 M	16.95 mm	Medium deep	Special throat (n. 10) 4.70 mm Rounded rim (rim width 3.82 mm)



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