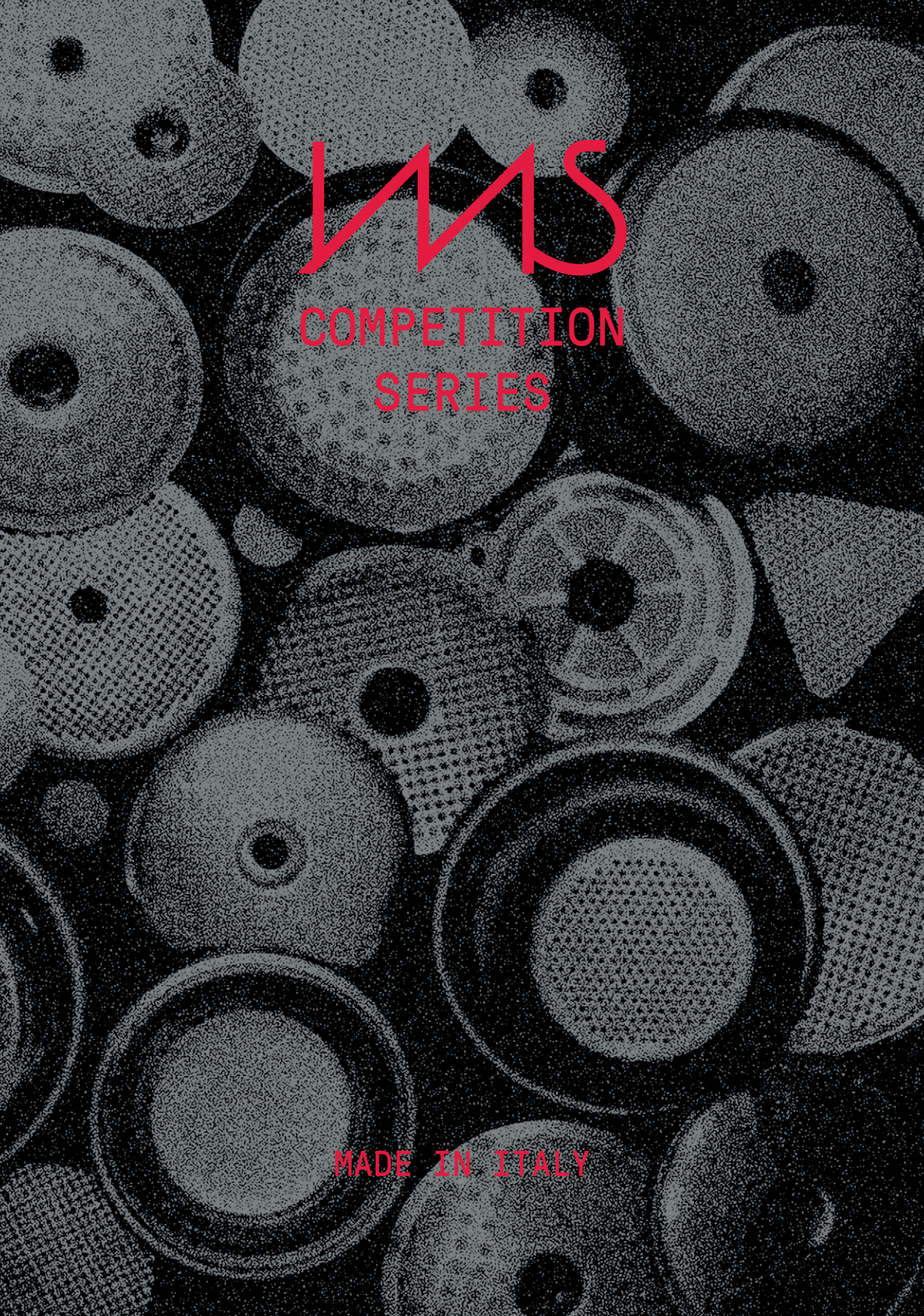

COMPETITION
SERIES
MADE IN ITALY

1929
Invention of filter perforating technology

1946
Establishment of I.P.M.S. Industria Pavese Materiali Stampati in Pavia

1953
First use of INOX 430 for filters and showers

1961
Invention of the net welding technology for shower screens

1970
Production of the first stainless steel filter for Moka Pots

1973
First use of INOX 304 for filters and showers

1976
First automation of a production line

1990
Relocation of IMS factory to Torre d'Isola (PV)

2000
Invention of the new perforation system system for conical holes

2009
Patent of the automatic perforation system improvement

2011
Launch of IMS Competition Series

2014
Launch of filters for brewing system: Aeropress and Syphon

2016
Creation of the new brand Espresso & Brewing Lab

2017
The Moka project: Design of a new E&B Moka Pot and of its Competition filters

2017
Enlargement of the production plant and opening of the new showroom

From the past to the future, IMS is always at the side of those who love coffee

INDEX

Filter Baskets

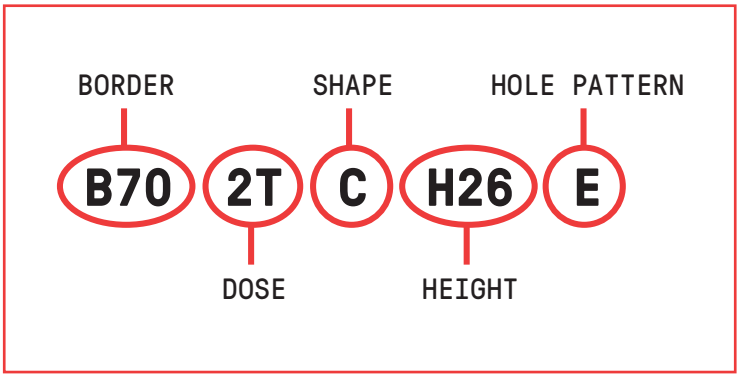
Shower Screens

FILTER BASKET

The IMS competition filter was invented in 2011 in collaboration with a major manufacturer of espresso coffee machines, in preparation for machine certification as a sponsor of the World Barista Championship.
The requirement was to present a group of filters with homogeneous hole diameters and to study a type of perforation that constantly extracts espresso coffee with the parameters established by the WCE.
And that was when the concept of a Competition Filter started to develop.
IMS contributed with its technological experience in studying the filtering profiles and, in collaboration with champion baristas, international companies and quality coffee roasters, identified a standard that satisfied even the most demanding of palates.
After the first positive results, IMS improved the product even further with new adjustments. Beyond taste, IMS dedicated much attention to ease of use and constant performance, studying solutions that help to maintain the same filtering profile, cleanliness and hygiene even during intensive use.
The filter is the heart of espresso coffee extraction and with IMS the best performance is always guaranteed.

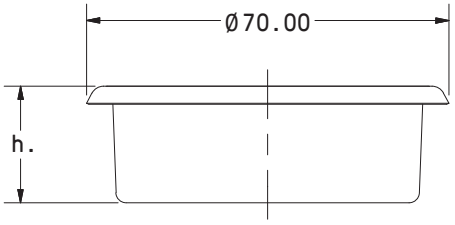
FILTER CODE

The descriptive product code of IMS competition filters tells you about some of the characteristics of the filter:



BORDER

B70 2TCH26E



The border of the filter matches the portafilter and its dimensions indicate its compatibility with the coffee machine:

For tamper 58 / 58.4

B70 (BORDER Ø 70 mm) E61 & compatible groups like FAEMA, VIBIEMME, WEGA, BEZZERA, BFC, BIANCHI, BRASILIA, D.I.D. L'ORCHESTRALE, ECM, EXPOBAR, FIORENZATO, GRIMAC, IBERITAL, LA NUOVA ERA, LA SCALA, QUALITY ESPRESSO, ROCKET, ROYAL FIRST, SAN REMO, SV - SAB, VFA. MARZOCCO, SYNESSO, SLAYER, KEES VAN DER WESTEN, NUOVA SIMONELLI, VICTORIA ARDUINO, MAVAM

B68 (BORDER Ø 68 mm) LA CIMBALI, GAGGIA, CARIMALI.

The body of B68 filters is like that of B70 filters but with a border that is 2 mm narrower for a better fit in portafilters of the quoted brands.

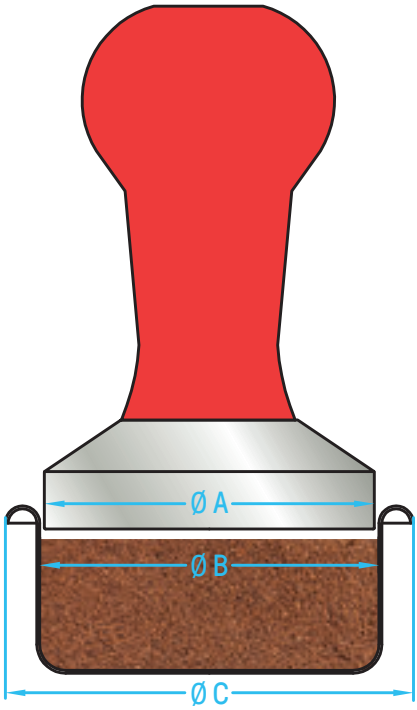
For tamper 54 / 54.4

B66 (BORDER Ø 66 mm) DALLA CORTE, SAN MARCO, IZZO LEVER, LA SAN MARCO LEVER

For tamper 53

B65 (BORDER Ø 65 mm) LA SPAZIALE, WEGA E ASTORIA WITH SMALL GROUP.

Filter models are conventionally classified according to the diameter of the tamper used.



Ø A TAMPER DIAMETER

Ø B INTERNAL DIAMETER OF THE FILTER BODY

Ø C BORDER DIAMETER

The internal diameter of the filter body determines its compatibility with the tamper.

DOSE

B70 2T CH26E

By convention, a filter can be of type **1T** (“T” for “Tazza”, the Italian word for cup) for a single dose of coffee, or of type **2T**, two cups, for a double or triple dose. Typically, the filters for 1 cup are narrower to reduce the capacity of the filter.

1T

2T

SHAPE

B702T C H26E

The addition of another letter in the code determines the difference between filters as follows:
C - For cylindrical filters with a Convex bottom
F - for cylindrical filters with a Flat bottom

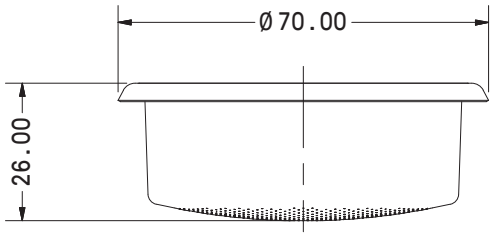
C

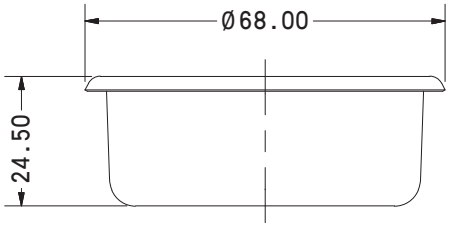
F

HEIGHT

B702TC H26 E

The height of the filter, together with its shape and its diameter determine its capacity.





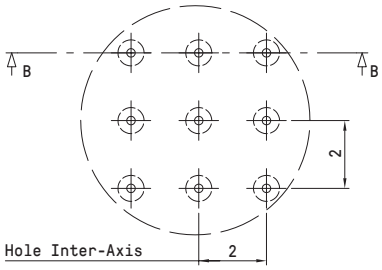
An approximate weight of ground coffee in grams is associated with each code in the catalogue. The actual capacity of a filter depends on many factors such as the coffee grind or the space that is left between the coffee puck and the showerhead screen.

HOLE PATTERN

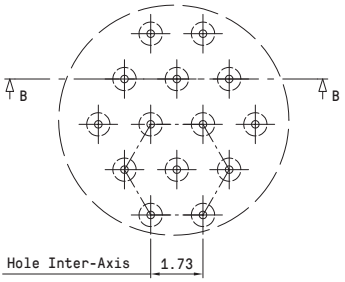
B702TCH26 E

For optimal distribution of holes in the bottom of the filter, IMS uses three hole-boring patterns:

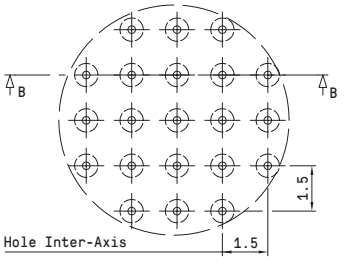
N: distance between holes of 2.00 mm
distributed in a rectangular pattern
Maximum number of holes: 481
Within a maximum Ø of 49 mm



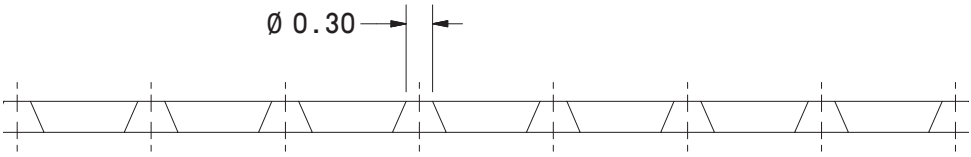
E: distance between holes of 1,73 mm
distributed in a hexagonal pattern
Maximum number of holes: 715
Within a maximum Ø of 49 mm



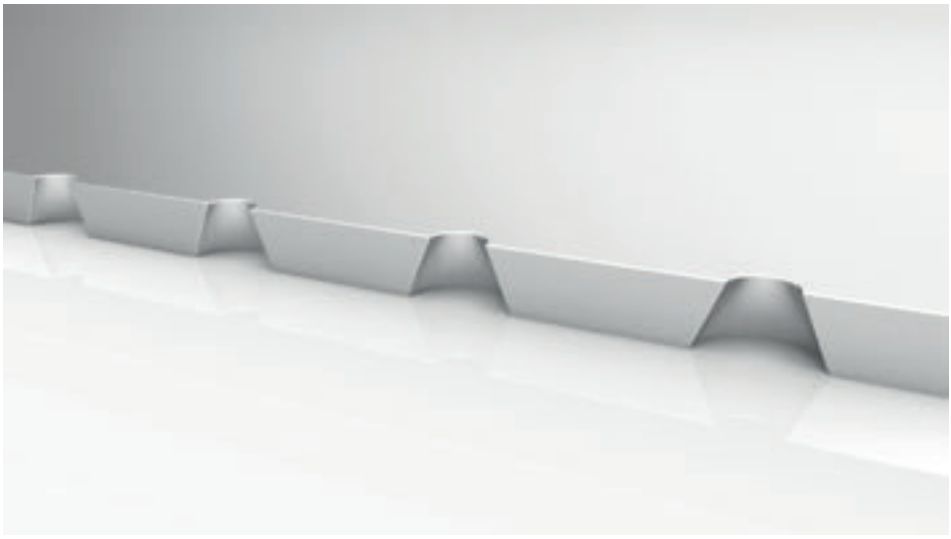
M: distance between holes of 1,50 mm
distributed in a rectangular patter
Maximum number of holes: 641
Within a maximum Ø of 44 mm



DIAMETER OF HOLES 0.30 mm
Such diameter enables the right equilibrium between blocking off substances that must not pass through to the cup and extracting the full bodied and creamy espresso coffee with its aromatic overtones.



SHAPE OF THE HOLE: CIRCULAR WITH A CONICAL CROSS SECTION
The inner surface of IMS perforations are polished and they have no corners or burrs. These unique features allow the coffee to slip out without obstruction. The number of holes and their distribution varies from model to model in relation with the shape and height of the filter.



NANOQUARTZ

B702TFH26 NT

IMS has developed a high quality coating to further improve the surface of its filters using quartz nanotechnology, the NANOQUATRZ coating.
Thanks to its high non-stick poterty, this coating makes it easier to remove used coffee cakes, and it also makes it easier to clean thereby rendering the antibacterial nature of the surfaces extremely effective.

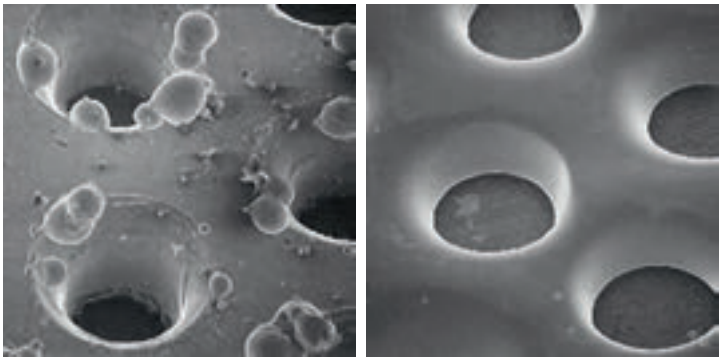
SUPERFINE

B702TH26 SF

IMS has created an innovative and unique product for finer filtering even using an espresso machine.
The level of filtering is normally between 250 µm and 350 µm. The Super Fine filter has a level of filtering of 170 µm. To achieve this IMS combined the benefits of a photo-etched membrane with its own perforation technology. This results in a cleaner espresso that accentuates the acid component of coffee.

FINISHING

TUMBLING - mechanical finish that removes burrs and renders the steel surface more compact.
PICKLING - prepares the metal by removing oil, oxides and other possible contaminants
ELECTROPOLISHING - polishes, removes burrs and renders the metal brighter
POST TREATMENT - removes polishing residue.

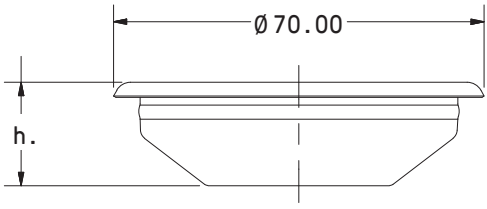


The filter then is bright and polished all around, even inside the holes. The bright and polished surface prevents dirt from adhering to it and facilitates cleaning. A filter without coffee residue allows for extracting only freshly ground coffee, rendering this phase of the process faster and safer, always guaranteeing an optimal result.

B701TH18.5N
B701TH19.5N

Truncated cone shape designed for creating a compact coffee puck that helps distributing the pressure more uniformly on all of the ground coffee.

CODE	HEIGHT	CAPACITY
B701TH18.5N	h. 18.5 mm	5.5/6.5 gr.
B701TH19.5N	h. 19.5 mm	6/7 gr.



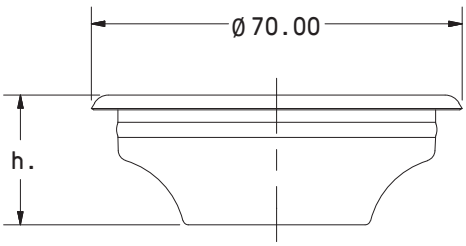
FOR TAMPER 58/58.4 mm

BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: external Ø 60.5 mm
NUMBER OF HOLES: 177 N pattern in Ø 30 mm

B701TH24.5N
B701TH26.5E

Shaft shape that can accommodate a higher coffee puck, similar to the one for 2 cups, thanks to the curvature radius that reduces its capacity.

CODE	HEIGHT	HOLES	CAPACITY
B701TH24.5N	h. 24.5 mm	N 177 holes	6/8 gr.
B701TH26.5E	h. 26.5 mm	E 253 holes	7/9 gr.



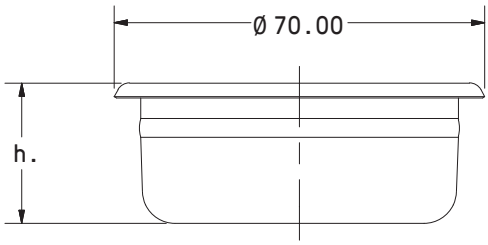
FOR TAMPER 58/58.4 mm

BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: external Ø 60.5 mm
HOLE AREA: Ø 30 mm

B702TH22.5M
B702TH24.5M
B702TH26.5M
B702TH28.5M

The filter shape with a rounded internal corner concentrates extraction towards the centre of the coffee puck, avoiding those sections where the ground coffee is not well exploited during the extraction process. This is combined with an M type of perforation that has a greater concentration of holes in a restricted area.

CODE	HEIGHT	CAPACITY
B702TH22.5M	h. 22.5 mm	12/14 gr.
B702TH24.5M	h. 24.5 mm	14/16 gr.
B702TH26.5M	h. 26.5 mm	16/18 gr.
B702TH28.5M	h. 28.5 mm	18/20 gr.



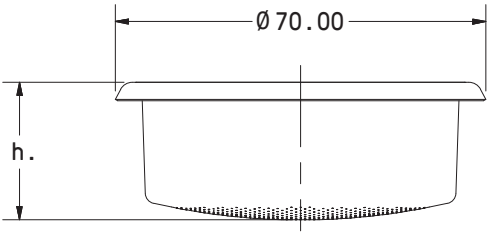
FOR TAMPER 58/58.4 mm

BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: external Ø 60.5 mm
NUMBER OF HOLES: 641 M pattern in Ø 44 mm

B702TCH20E
B702TCH22E
B702TCH24E
B702TCH26E
B702TCH28.5E

Cylindrical filter with a convex bottom. This shape collects coffee towards the centre during extraction and it is well matched with a bottomless portafilter

CODE	HEIGHT	CAPACITY
B702TCH20E	h. 20 mm	12/14 gr.
B702TCH22E	h. 22 mm	14/16 gr.
B702TCH24E	h. 24 mm	16/18 gr.
B702TCH26E	h. 26 mm	18/20 gr.
B702TCH28.5E	h. 28.5 mm	20/22 gr.



FOR TAMPER 58/58.4 mm

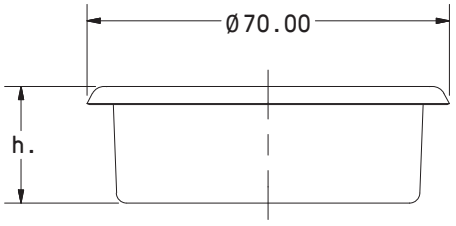
BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: ridgeless
NUMBER OF HOLES: 715 E pattern in Ø 49 mm

FILTER BASKET

B702TFH20
B702TFH22
B702TFH24
B702TFH26
B702TFH28

Cylindrical filter with a flat bottom. This shape creates a compact coffee pod that is exploited homogeneously throughout.

CODE	HEIGHT	CAPACITY
B702TFH20	h. 20 mm	12/14 gr.
B702TFH22	h. 22 mm	14/16 gr.
B702TFH24	h. 24 mm	16/18 gr.
B702TFH26	h. 26 mm	18/20 gr.
B702TFH28	h. 28 mm	20/22 gr.



FOR TAMPER 58/58.4 mm

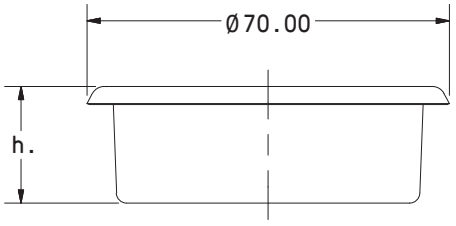
BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: ridgeless
NUMBER OF HOLES: 715 E pattern in Ø 49 mm

FILTER BASKET - NT

B702TFH20NT
B702TFH22NT
B702TFH24NT
B702TFH26NT
B702TFH28NT

Cylindrical filter with a flat bottom. This shape creates a compact coffee pod that is exploited homogeneously throughout. NANOQUARTZ coating

CODE	HEIGHT	CAPACITY
B702TFH20NT	h. 20 mm	12/14 gr.
B702TFH22NT	h. 22 mm	14/16 gr.
B702TFH24NT	h. 24 mm	16/18 gr.
B702TFH26NT	h. 26 mm	18/20 gr.
B702TFH28NT	h. 28 mm	20/22 gr.



FOR TAMPER 58/58.4 mm

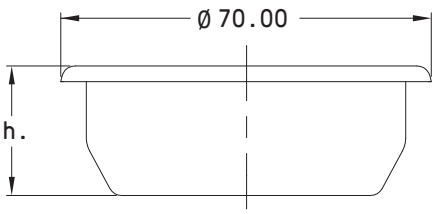
BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: ridgeless
NUMBER OF HOLES: 715 E pattern in Ø 49 mm

FILTER BASKET SUPERFINE

B702TH24SF
B702TH26SF
B702TH28SF

With a level of filtering of 170 µm, it produces a very clean espresso that accentuates the natural acidity of coffee. Furthermore, it allows for a finer coffee grind without leaving any residue in the cup.

CODE	HEIGHT	CAPACITY
B702TH24SF	h. 24 mm	14/16 gr.
B702TH26SF	h. 26 mm	16/18 gr.
B702TH28SF	h. 28 mm	18/20 gr.



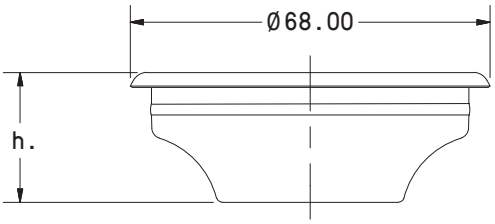
FOR TAMPER 58/58.4 mm

BORDER: Ø 70 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: ridgeless
FILTRATION: 170 µm

B681TH24.5E

Shaft shape that can accommodate a higher coffee puck, similar to the one for 2 cups, thanks to the curvature radius that reduces its capacity.

CODE	HEIGHT	CAPACITY
B681TH24.5E	h. 24.5 mm	6/8 gr.



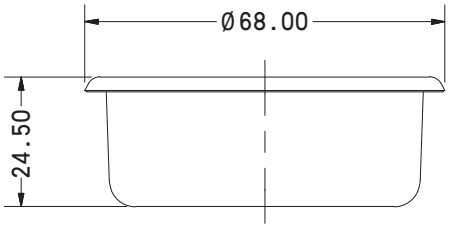
FOR TAMPER 58/58.4 mm

BORDER: Ø 68 mm (B70)
BODY: Ø 59 mm INTERNAL
RIDGE: 60.3 mm
NUMBER OF HOLES: 253 E pattern in Ø 30 mm

B682TH24.5M

The filter shape with a rounded internal corner concentrates extraction towards the centre of the coffee puck, avoiding those sections where the ground coffee is not well exploited during the extraction process. This is combined with an M type of perforation that has a greater concentration of holes in a restricted area.

CODE	HEIGHT	CAPACITY
B682TH24.5M	h. 24.5 mm	14/16 gr.



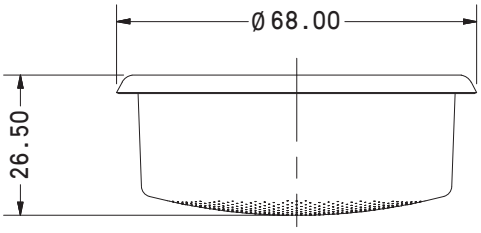
FOR TAMPER 58/58.4 mm

BORDER: Ø 68 mm (B68)
BODY: Ø 59 mm INTERNAL
RIDGE: ridgeless
NUMBER OF HOLES: 641 M pattern in Ø 44 mm

B682TCH26.5E

Cylindrical filter with a convex bottom. This shape collects coffee towards the centre during extraction and it is well matched with a bottomless portafilter.

CODE	HEIGHT	CAPACITY
B682TCH26.5E	h. 26.5 mm	18/20 gr.



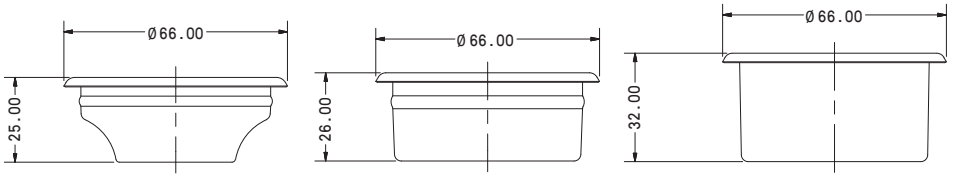
FOR TAMPER 58/58.4 mm

BORDER: Ø 68 mm (B68)
BODY: Ø 59 mm INTERNAL
RIDGE: ridgeless
NUMBER OF HOLES: 715 E pattern in Ø 49 mm

B661TH25M B662TH26M B662TH32M

The filters in this group are designed to obtain the best performance in relation to the coffee machine on which they are mounted, taking into account the combined effect of the filter shape and type of perforation.

CODE	HEIGHT	PERFORATION	RIDGE	CAPACITY
B661TH25M	h. 25 mm	M 293 holes in Ø 30	External	7/8 gr.
B662TH26M	h. 26 mm	M 641 holes in Ø 44	External	14/18 gr.
B662TH32M	h. 32 mm	M 641 holes in Ø 44	Ridgeless	19/22 gr.



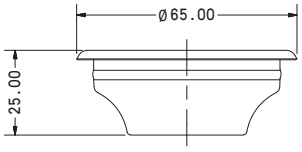
FOR TAMPER 54/54.4 mm

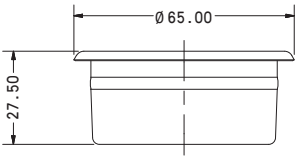
BORDER: Ø 66 mm (B66)
BODY: Ø 55 mm INTERNAL

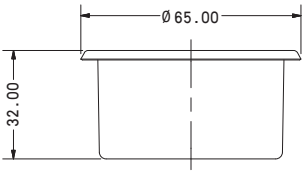
B651TH25E B652TH27.5M B652TH32M

The filters in this group are designed to obtain the best performance in relation to the coffee machine on which they are mounted, taking into account the combined effect of the filter shape and type of perforation.

CODE	HEIGHT	PERFORATION	RIDGE	CAPACITY
B651TH25E	h. 25 mm	M 293 holes in Ø 30	External	7/8 gr.
B652TH27.5M	h. 27.5 mm	M 641 holes in Ø 44	External	14/18 gr.
B652TH32M	h. 32 mm	M 641 holes in Ø 44	Ridgeless	19/22 gr.







FOR TAMPER 53 mm

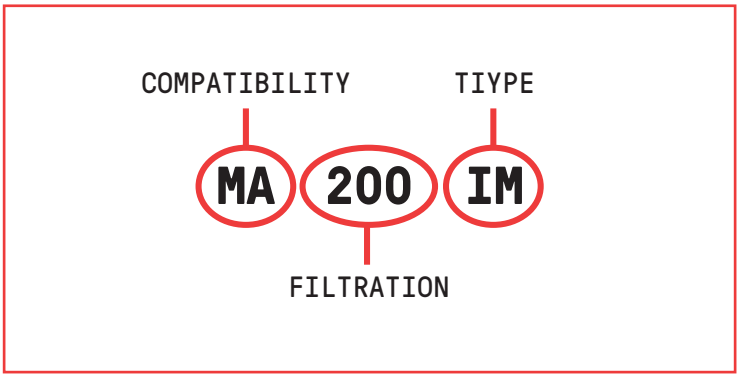
BORDER: Ø 65 mm (B65)
BODY: Ø 54 mm INTERNAL

COMPETITION SHOWERS

I.M.S develops competition showers to improve the distribution of water during the coffee extraction process, by applying the most advanced technologies and innovating the design of the shower.
The application of filtering membranes with varying characteristics and levels of filtering distinguish competition showers.

SHOWER CODE

The descriptive product code of competition showers summarizes their main characteristics.



COMPATIBILITY
MA 200IM

The showers are classified according to compatibility with the brewing group:

MA - Marzocco, Synesso, Slayer

E61 - Faema, SANREMO, Kees van der Westen, Wega, VBM, Expobar, Bezzera, BFC, Bianchi, Brasilia, D.I.D. L'Orchestrale, ECM, Fiorenzato, Grimac, Iberital, La Nuova Era, La Scala, Quality Espresso, Rocket, Royal First, SV - SAB, VFA.

RA - Rancilio, Promac

SI - Nuova Simonelli, Victoria Arduino, Mavam

SR - Nuova Simonelli, Rancilio

CI - La Cimbali, Astoria, Elektra, Brasilia

GA - Gaggia

SM - La San Marco, Astoria and Wega with small group

SP - La Spaziale

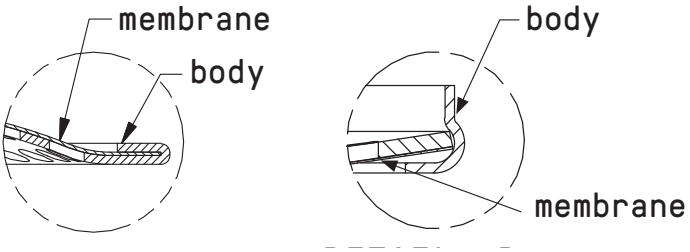
The most common products of each manufacturer are compatible as indicated, but there may be models that use different assemblies that are not compatible may not always fit some models of home espresso machines.

WIRE MEMBRANE

MA35 WM

WIRE MEMBRANE SHOWER SCREEN: The shower is made up of a membrane of woven stainless steel wires that applied to the shower assembly by means of a caulking process: the body of the shower is folded over the mesh to lock it in place without resorting to any welding points.

CAULKING



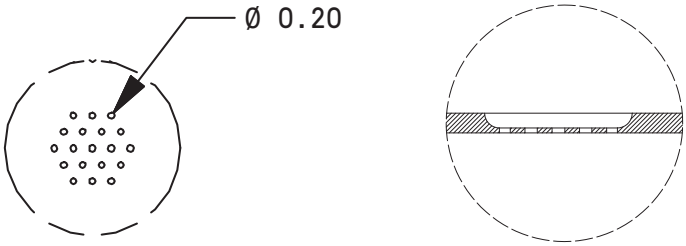
Its main feature is its very high filtering power of 35 µm that guarantees a homogeneous distribution of water on the coffee pod and blocks the passage of extraction residue during the drying process. This helps to maintain the group as clean and efficient as when it was new. In addition, it protects both the group and the solenoid valve from deterioration caused by dirt.

INTEGRATED MEMBRANE

MA200 IM

INTEGRATED MEMBRANE SHOWER SCREEN: The integrated membrane shower screen is made of a single filtering part in stainless steel obtained through a process of photo-etching: special micro perforations are made inside the thickness of the shower to obtain a filtering power of 200 µm.

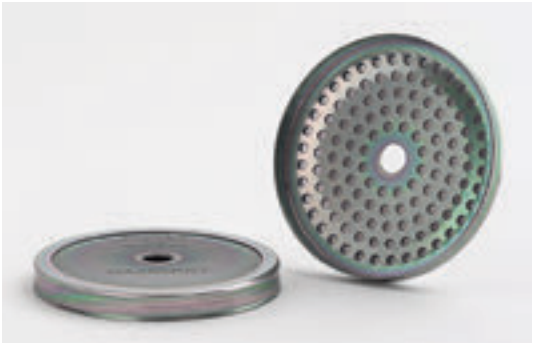
MEMBRANE DETAILS



Its main characteristic is the exclusive design of its perforations, which, in addition to guaranteeing better distribution, makes this product last longer and easy to clean. Indeed, being made out of a single part, the shower body is more resistant and its surface is totally smooth and free from rough spots where dirt can deposit and accumulate.

REINFORCED MEMBRANE SHOWER

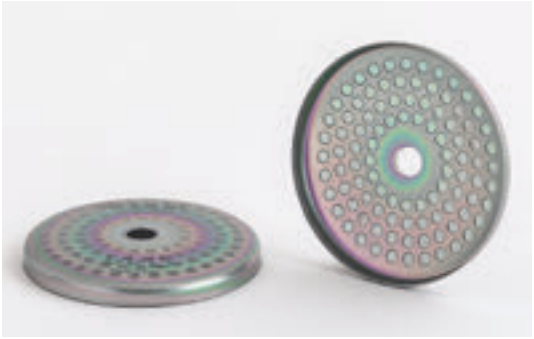
MA200 R NT



REINFORCED MEMBRANE SHOWER SCREEN: This shower screen is made out of a 0.8 mm thick, highly hardened steel supporting disk, in combination with a photo-etched membrane with a filtering power of 200 µm. The smooth and easy to clean membrane and reinforced disk form a perfectly flat unit. This enables homogeneous distribution of water. In addition, the reinforced disk guarantees greater resistance even in the case of intensive use or over dosage.

NANOQUARTZ

MA200 NT

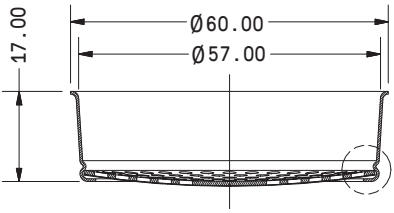


COATING: In order to improve the percolation process, IMS offers a high quality coating using quartz nanotechnology, the NANOQUATRZ coating, for integrated and reinforced membrane shower screens. The advantage of this technology is its hydro-repellent effect. Indeed, water comes down in a shower of tiny drops that are uniformly distributed over the whole surface of the showerhead, saturating the coffee homogeneously. Furthermore, thanks to its high adherence, this coating makes it easier to remove used coffee pods, and it also makes it easier to clean thereby rendering the antibacterial nature of the surfaces extremely effective.

E6135WM

Wire membrane shower screen - passage of 35 µm

BODY DIAMETER: 57 mm
BORDER DIAMETER: 60 mm
WALL HEIGHT: 17 mm EXTERNAL



E61200IM / E61200NT

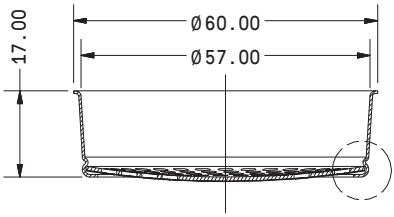
Integrated membrane shower screen - passage of 200 µm

E61200IM

E61200NT

NANOQUARTZ

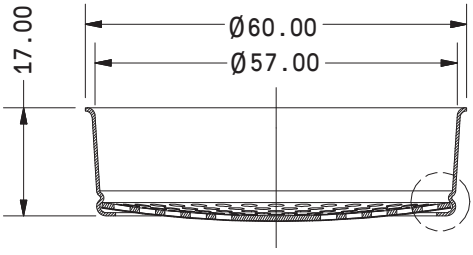
BODY DIAMETER: 57 mm
BORDER DIAMETER: 60 mm
WALL HEIGHT: 17 mm EXTERNAL



E61200RNT

Reinforced membrane shower screen - passage of 200 µm NANOQUARTZ

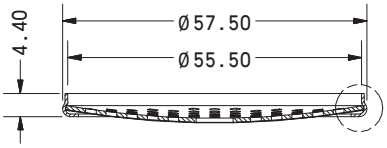
BODY DIAMETER: 57 mm
BORDER DIAMETER: 60 mm
WALL HEIGHT: 17 mm EXTERNAL



MA35WM

Wire membrane shower screen - passage of 35 µm

EXTERNAL DIAMETER: 57.5 mm
INTERNAL DIAMETER: 55.5 mm
WALL HEIGHT: 4.4 mm
CENTRAL HOLE: 7 mm



MA200IM / MA200NT

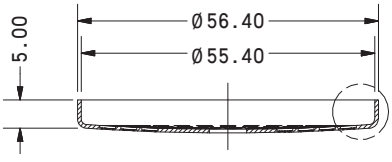
Integrated membrane shower screen - passage of 200 µm

MA200IM

MA200NT

NANOQUARTZ

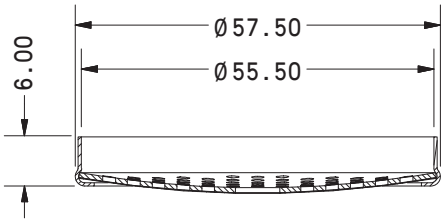
EXTERNAL DIAMETER: 56.4 mm
INTERNAL DIAMETER: 55.4 mm
WALL HEIGHT: 5 mm
CENTRAL HOLE: 7 mm



MA200RNT

Reinforced membrane shower - passage of 200 µm NANOQUARTZ

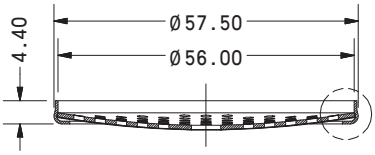
EXTERNAL DIAMETER: 57.5 mm
INTERNAL DIAMETER: 55.5 mm
WALL HEIGHT: 6.6 mm
CENTRAL HOLE: 7 mm



RA35WM

Wire membrane shower screen - passage of 35 µm

EXTERNAL DIAMETER: 57.5 mm
INTERNAL DIAMETER: 56 mm
WALL HEIGHT: 4.4 mm
CENTRAL HOLE: 5.5 mm



RA200IM / RA200NT

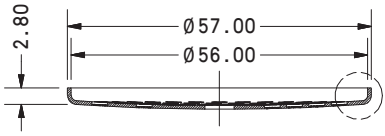
Integrated membrane shower screen - passage of 200 µm

RA200IM

RA200NT

NANOQUARTZ

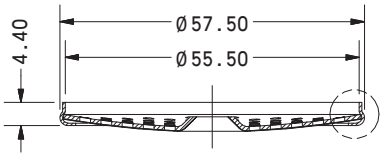
EXTERNAL DIAMETER: 57 mm
INTERNAL DIAMETER: 56 mm
WALL HEIGHT: 2.8 mm
CENTRAL HOLE: 5.5 mm



SI35WM

Wire membrane shower screen - passage of 35 µm

EXTERNAL DIAMETER: 57.5 mm
INTERNAL DIAMETER: 55.5 mm
WALL HEIGHT: 4.4 mm
CENTRAL HOLE: M6



SI200IM / SI200NT

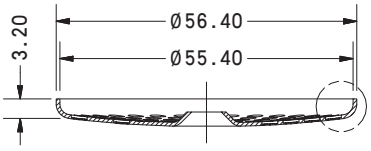
Integrated membrane shower screen - passage of 200 µm

SI200IM

SI200NT

NANOQUARTZ

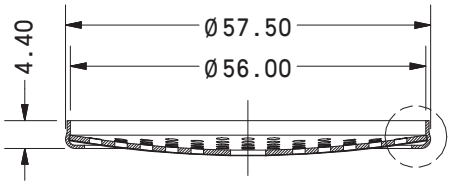
EXTERNAL DIAMETER: 56.4 mm
INTERNAL DIAMETER: 55.4 mm
WALL HEIGHT: 3.2 mm
CENTRAL HOLE: M6



SR200RNT

Reinforced membrane shower - passage of 200 µm NANOQUARTZ

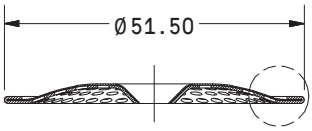
EXTERNAL DIAMETER: 57.5 mm
INTERNAL DIAMETER: 56 mm
WALL HEIGHT: 4.4 mm
CENTRAL HOLE: 6 mm



CI35WM

Wire membrane shower screen - passage of 35 µm

EXTERNAL DIAMETER: 51.5 mm
CENTRAL HOLE: M5



CI200IM / CI200NT

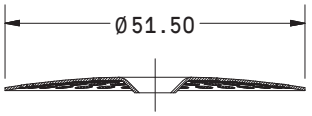
Integrated membrane shower screen - passage of 200 µm

CI200IM

CI200NT

NANOQUARTZ

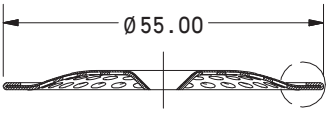
EXTERNAL DIAMETER: 51.5 mm
CENTRAL HOLE: M5



GA35WM

Wire membrane shower screen - passage of 35 µm

EXTERNAL DIAMETER: 55 mm
CENTRAL HOLE: M5



GA200IM / GA200NT

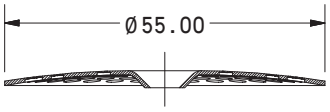
Integrated membrane shower screen - passage of 200 µm

GA200IM

GA200NT

NANOQUARTZ

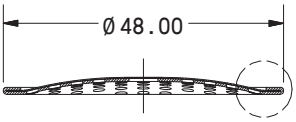
EXTERNAL DIAMETER: 55 mm
CENTRAL HOLE: M5



SM35WM

Wire membrane shower screen - passage of 35 µm

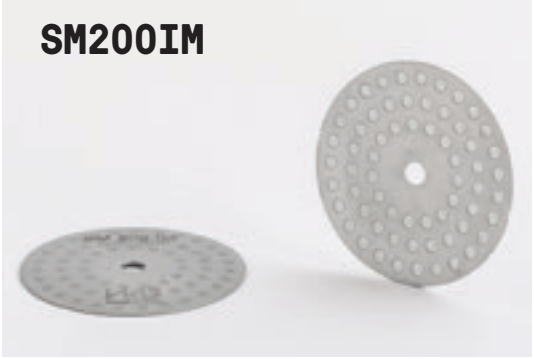
EXTERNAL DIAMETER: 48 mm
CENTRAL HOLE: 5 mm



SM200IM / SM200NT

Integrated membrane shower screen - passage of 200 µm

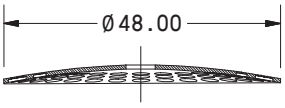
SM200IM



SM200NT

NANOQUARTZ

EXTERNAL DIAMETER: 48 mm
CENTRAL HOLE: 5 mm

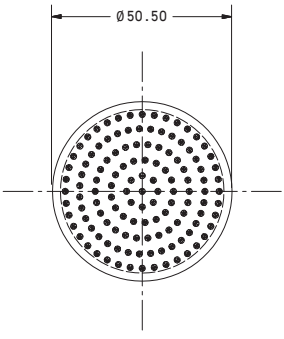


Shower Screen for LEVER group machines

SML200IM

Integrated membrane shower screen - passage of 200 µm

DISK DIAMETER: 50.5 mm



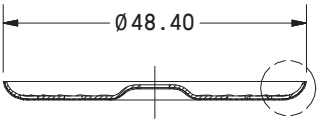
Double Shower Screen

SP200IM / SP200NT

Integrated membrane shower screen - passage of 200 µm

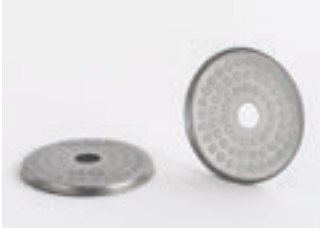
EXTERNAL DIAMETER: 48.4 mm
CENTRAL HOLE: 5 mm

NANOQUARTZ



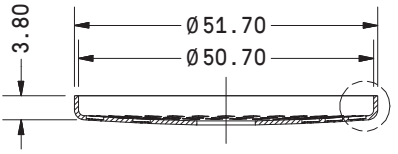
SPD200IM / SPD200NT

Integrated membrane shower screen - passage of 200 µm



EXTERNAL DIAMETER: 51.7 mm
INTERNAL DIAMETER: 50.7 mm
WALL HEIGHT: 3.8 mm
CENTRAL HOLE: 10 mm

NANOQUARTZ



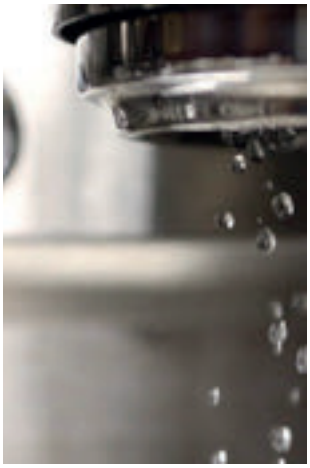
The SPD200IM/SPD200NT can only be used combined with the SP200IM/SP200NT

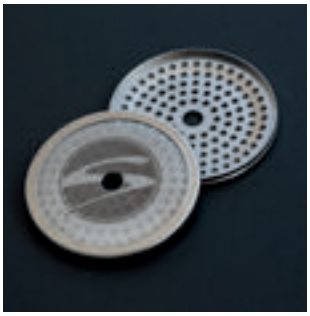
CUSTOMIZATIONS

In partnership with its customers IMS has created a number of variants to satisfy their own requirements. From laser markings to special perforation patterns, from new shapes to the application of different membranes, all of this is made to create better performances over time.








OUR PARTNERS

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