

## BRONZE Y STRAINER FEMALE BSP ACS

Bronze Y strainer for water distribution and watering.

Mesh 400µ-500µ according to DN with stainless steel AISI 304 screen.

PTFE gasket.

Suitable for drinking water thanks to the ACS and WRAS certificates.



**Size :** DN3/8" to DN4"

**Connection :** Female BSP

**Min Temperature :** -10°C

**Max Temperature :** +110°C

**Max Pressure :** 16 Bars up to DN2"

**Specifications :** For drinking water (ACS and WRAS)

Removable stainless steel filter

Mesh 400µ or 500µ according to DN

**Materials :** Bronze body

## BRONZE Y STRAINER FEMALE BSP ACS

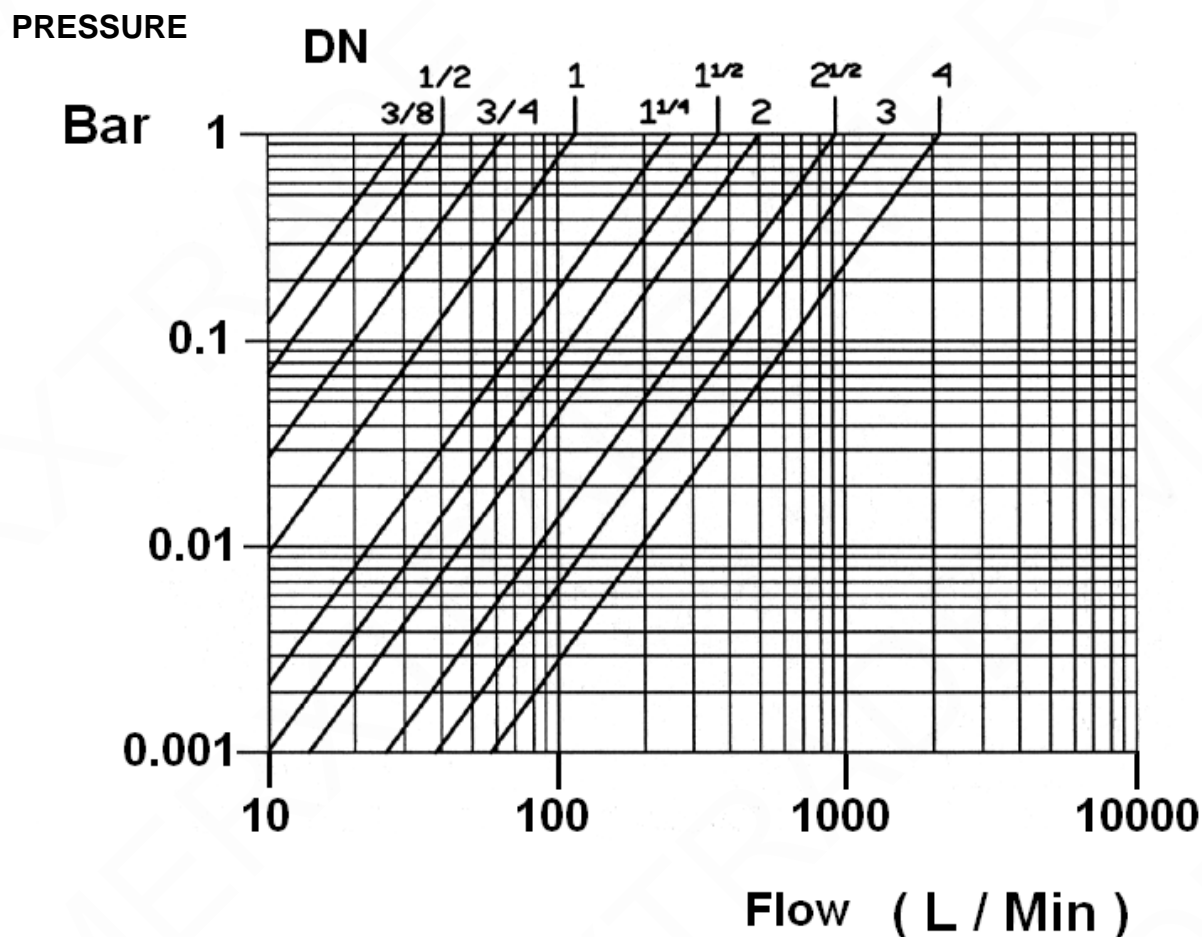
### SPECIFICATIONS :

- Removable stainless steel filter
- Female / female type
- Horizontal or vertical position with descendant fluid (respect the flow direction indicated by the arrow )
- Mesh 4/10° mm ( 400  $\mu$  ) up to DN 1" and 5/10° mm ( 500  $\mu$  ) over

### USE :

- Water distribution and watering
- Min Temperature Ts : - 10°C
- Max Temperature Ts :+ 110°C
- Max Pressure Ps : 16 bars up to DN 2" , 10 bars over

### HEAD LOSS GRAPH :

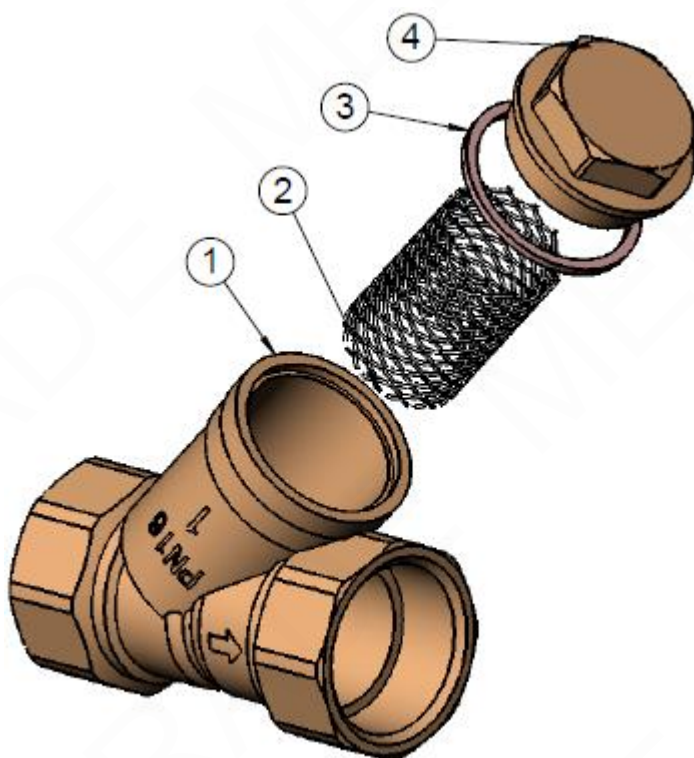


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### RANGE :

- Bronze Y strainer threaded female BSP cylindrical from DN 3/8" to DN 4"

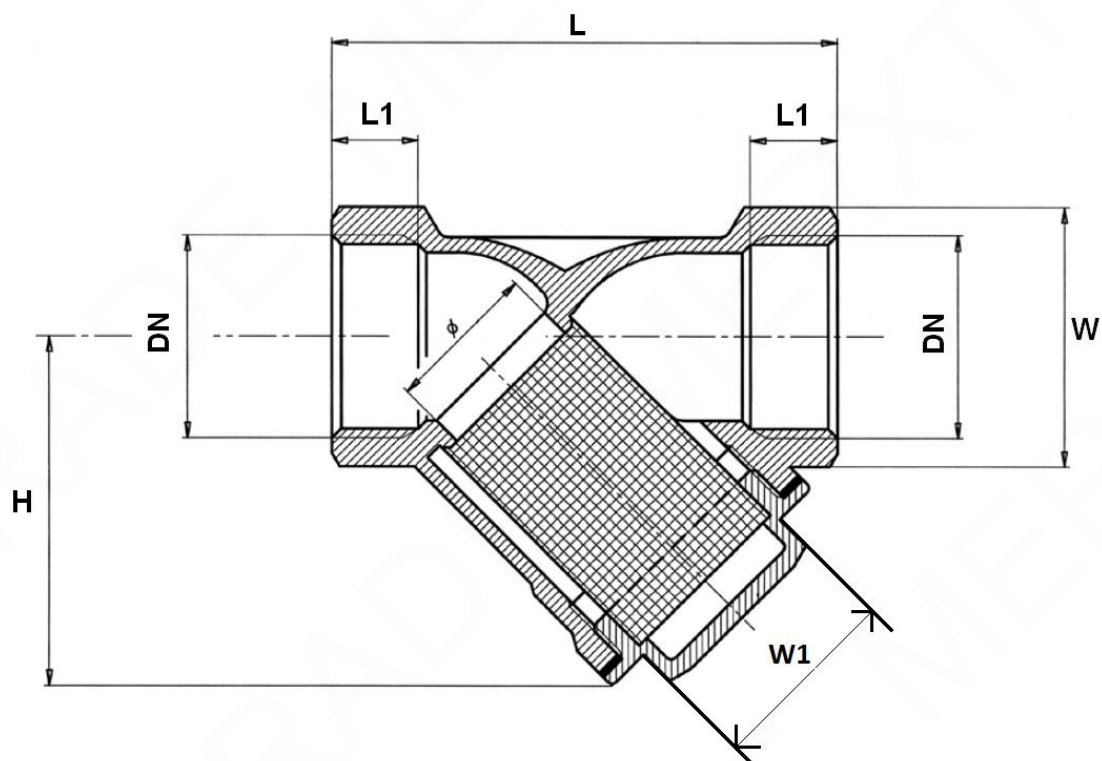
### MATERIALS :



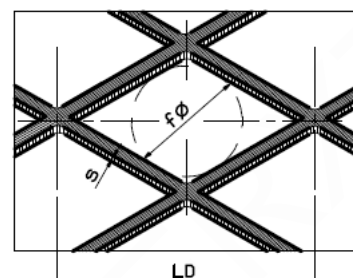
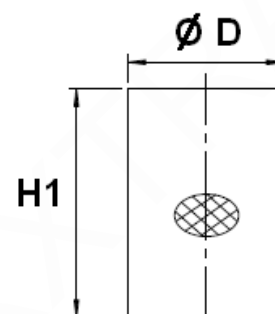
Item	Designation	Materials
1	Body	Bronze CuSn5Zn5Pb2-B (CB499K)
2	Filter	AISI 304
3	Gasket	PTFE
4	Cap	Brass CW617N according to EN12165

## BRONZE Y STRAINER FEMALE BSP ACS

SIZE ( in mm ) :



Screen size :



DN	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø	12	15	20	25	32	40	50	65	78	98
L	55	59	69	82	99	109	131	151	172	219
L1	10	11	12	14	17	17	19	21	21	24
H	40	44	50.5	60	73	80	98	114	130	170
W (on flat)	22	26	32	38	48	52	66	82	96	124
W1 (on flat)	21	22	26	31	38	42	49	59	71	101
Ø D	18	19	25	30	38	43	58	66	77	100
H1	29.5	32	39	46	55	61.5	75.5	90	105	139
Mesh (Øf)	0.4				0.5					
S	0.15				0.2			0.25		
LD	1.5				2			2.5		
Weight (in Kg)	0.18	0.22	0.3	0.44	0.7	0.86	1.62	2.2	3.44	7.7

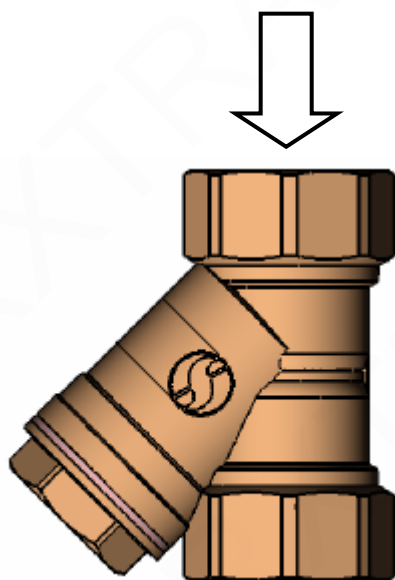
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### STANDARDS :

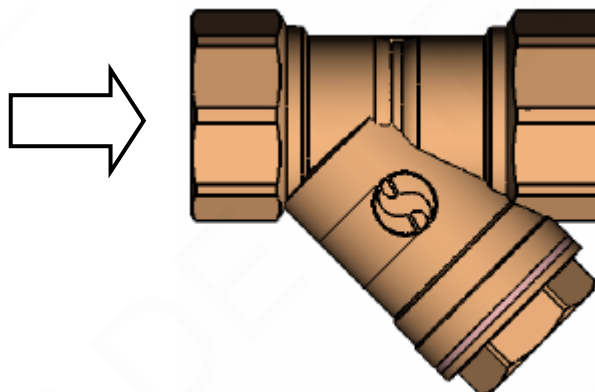
- Fabrication according to ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive ( Article 1, § 2b )
- French water agreement **A.C.S. N° 19 ACC LY 342**
- English water agreement **WRAS**
- Threaded female BSP cylindrical ends according to ISO 228/1

### INSTALLATION POSITIONS :

Vertical position ( descendand fluid )



Horizontal position



**ADVICE :** Our opinion and our advice are not guaranteed and MXT shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.



**BRONZE Y STRAINER FEMALE BSP ACS****INSTALLATION INSTRUCTIONS****GENERAL GUIDELINES :**

- Ensure that the strainers to be used are appropriate for the conditions of the installation (type of fluid, pressure and temperature).
- Be sure to have enough valves to be able to isolate the sections of piping as well as the appropriate equipment for maintenance and repair.
- Ensure that the strainers to be installed are of correct strength to be able to support the capacity of their usage.
- **Installation of all circuits should ensure that their function can be automatically tested on a regular basis (at least two times a year).**

**INSTALLATION INSTRUCTIONS :**

- **Before installing the strainers, clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the strainers.
- **Ensure that both connecting pipes either side of the strainer (upstream and downstream) are aligned (if they're not, the strainer may not work correctly).**
- **Make sure that the two sections of the pipe (upstream and downstream) match, the strainer unit will not absorb any gaps. Any distortions in the pipes may affect the tightness of the connection, the working of the strainer and can even cause a rupture.** To be sure, place the kit in position to ensure the assembling will work.
- The theoretical lengths given by ISO/R7 for the tapping are typically longer than required, the length of the thread should be limited, and **check that the end of the tube does not press right up to the head of the thread.**
- **Never use a vice to tighten the fixings of the strainer.**
- **If sections of piping do not have their final support in place, they should be temporarily fixed. This is to avoid unnecessary strain on the strainer.**
- **Fluids in the strainer must not contain solid objects ( it could damaged the seat ).**