

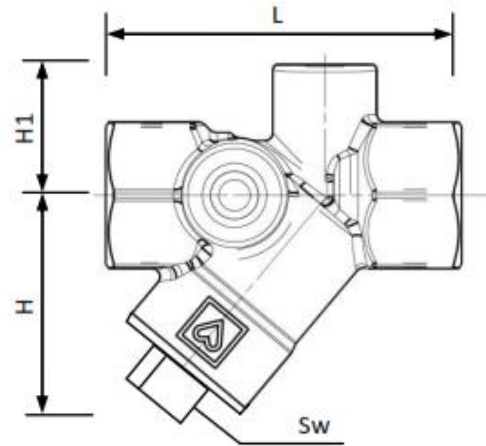


# HERZ Strainer

## Female Thread

Data sheet for 1 4111 1x, Issue 0521

### ☑ Dimensions



Order number	DN	PN	L	H	H1	Sw	kv	Mesh
1 4111 11	15	25	65	42	24	13	3.1	0.5
1 4111 12	20	25	75	50	23	24	6.9	0.5
1 4111 13	25	25	90	57	32	27	12.0	0.5
1 4111 14	32	25	110	70	39	32	21.5	0.75
1 4111 15	40	25	120	79	40	32	30.0	0.75
1 4111 16	50	25	150	103	45	32	42.0	0.75
1 4111 17	65	16	180	118	53	32	64.3	0.75
1 4111 18	80	16	220	137	61	32	148.6	0.75

### ☑ Material

Body DZR Brass CC752S  
 Mesh Expanded metal, rhombic mesh Stainless Steel 1.4301  
 Seal EPDM

### ☑ Technical data

Max operating pressure see above table  
 Max operating temperature 120°C at 10 bar up to DN50, 110°C DN65 to DN80  
 WRAS Approved  
 Heating water quality according ÖNORM H5195 or VDI-Standard 2035.  
 The use of ethylene or propylene glycol in a mixing ratio 25- 50% is allowed.

### ☑ Application

Strainers are installed in pipes to protect finely machined valve seats from particles and debris. The field of application is building services, such as in heating or chilled water units for air conditioning in buildings. EPDM Seals can be destroyed by organic hydro carbons, which are occurring in natural gas, mineral oil or lubricants.

### Installation and maintenance

Horizontal or vertical installation is possible, taking into account the flow direction. The mesh screen chamber should face down. HERZ recommends using standard thread sealants for the connection between strainer and pipe.

The strainer can be removed and cleaned by opening the locking screw. Drain the system before opening the locking screw. Reassemble in reverse order. Damage to the seals has to be avoided. It is recommended to install isolation valves before and after the strainer for servicing.

### Spare parts

1 6386 31	DN15	Mesh 0.50mm
1 6386 32	DN20	Mesh 0.50mm
1 6386 33	DN25	Mesh 0.50mm
1 6386 14	DN32	Mesh 0.75mm
1 6386 15	DN40	Mesh 0.75mm
1 6386 16	DN50	Mesh 0.75mm
1 6386 17	DN65	Mesh 0.75mm
1 6386 18	DN85	Mesh 0.75mm

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