

### "Y" Control Strainer

The "Y" Strainer with a stainless steel or Monel screen is used in all BERMAD Water Control Valves, including Deluge Valves, Preaction Valves, Pressure Control Valves, Monitor Valves and Remote Control Valves.

The "Y" Strainer is located at the pressure supply or priming line to protect the control trim components from suspended particles or debris.

#### Materials

##### Brass Construction (Fig. 1):

- **Body:** Nickel plated Brass
- **Cover Plug:** Brass
- **Screen:** Stainless Steel
- **Gasket:** Non-Asbestos Fiber

##### Stainless Steel Construction (Fig. 2):

- **Body:** Stainless Steel 316
- **Cover Plug:** Stainless Steel 316
- **Screen:** Stainless Steel 316
- **Gasket:** PTFE

##### NAB construction (Fig 1):

- **Body:** Al-Bronze ASTM B148 C95500
- **Cover Plug:** Al-Bronze ASTM B148 C95500
- **Screen:** Monel K500
- **Gasket:** PTFE

#### Filter Elements

- 500 micron (35 mesh)

#### Pressure Rating

- **Max working pressure:** 25 bar (350 psi)

#### DN End Connections

- 1/4", 3/8" or 1/2" NPT

#### Maintenance

The "Y" Strainer should be cleaned after the first valve operation/start-up and at least quarterly. The cleaning is done by carefully opening the screwed cover plug, after closing the priming ball valve, and flushing the screen with a stream of water or compressed air.

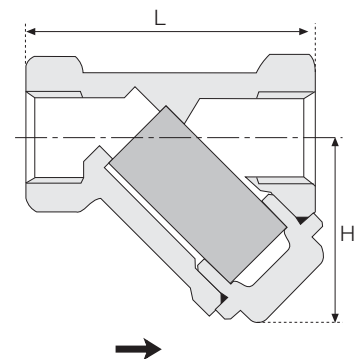
**Note:** Illustrations are for display only



Fig. 1



Fig. 2



#### Dimensions Table

		1/4"		3/8"		1/2"	
		mm	inch	mm	inch	mm	inch
Brass	H	39.5	1 <sup>9</sup> / <sub>16</sub>	39.5	1 <sup>9</sup> / <sub>16</sub>	39.5	1 <sup>9</sup> / <sub>16</sub>
	L	53	2 <sup>1</sup> / <sub>16</sub>	53	2 <sup>1</sup> / <sub>16</sub>	53	2 <sup>1</sup> / <sub>16</sub>
St. St.	H	47	1 <sup>7</sup> / <sub>8</sub>	47	1 <sup>7</sup> / <sub>8</sub>	50	1
	L	57	2 <sup>1</sup> / <sub>4</sub>	57	2 <sup>1</sup> / <sub>4</sub>	61	2 <sup>7</sup> / <sub>16</sub>
NAB	H	40	1 <sup>9</sup> / <sub>16</sub>	40	1 <sup>9</sup> / <sub>16</sub>	41	1 <sup>5</sup> / <sub>8</sub>
	L	55	2 <sup>3</sup> / <sub>16</sub>	55	2 <sup>3</sup> / <sub>16</sub>	58	2 <sup>5</sup> / <sub>16</sub>