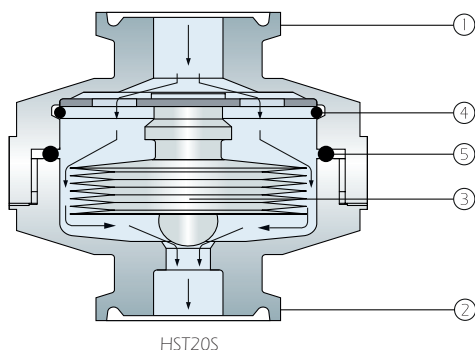




The HST20 range of steam traps is designed to remove condensate from steam systems where a lower level of surface finish can be accepted. A thermostatic element is used to detect the difference between the temperature of the cooling condensate and the system operating temperature. When this temperature differential exceeds 3-5°C the element contracts to allow the cooling condensate to exhaust. Being a temperature sensitive device, the HST20 also ensures that air is purged from a steam system together with waste condensate. Typical applications for the HST20 are steam main drainage, Steam-in-Place(SIP) applications and when inverted, as a steam system air vent. The HST20 is available with either clamped(HST20) or screwed(HST20S) body joint.



### Pressure Rating

Maximum operating pressure (PMO) - 6 barg  
Maximum allowable pressure (PMA) - 8 barg



### Temperature Rating

Maximum allowable temperature (TMA) - 170°C



### Connections

1/2" - 1" ASME BPE clamp or weld end  
1/2" and 3/4" ASME BPE tube compression fittings  
DN8, 10, 15, 20, 25 ISO and DIN clamp or weld end



### Flow Capacity

Pressure (bar)	1.0	2.0	3.0	4.0	5.0	6.0
Flow (kg/h)	200	350	400	650	800	950
Cold flow (kg/h)	700	900	1000	1200	1500	1600



### Surface Finish

Wetted surfaces - 1.0 micron Ra  
Wetted surfaces - 1.0 micron Ra



### Options

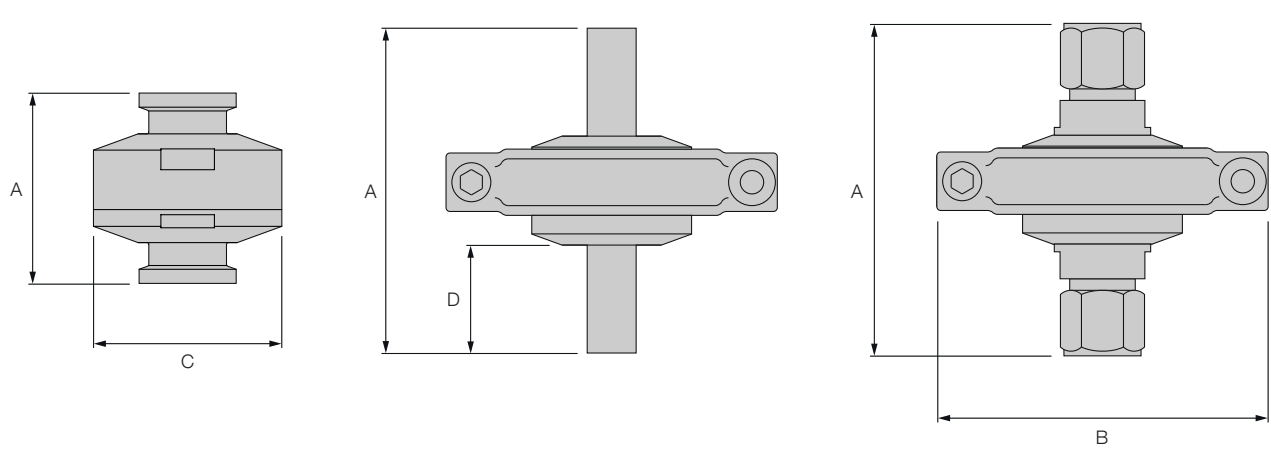






Bolted body joint - HST20  
Screwed body joint - HST20S  
Screwed connections



### Available Certification

<b>CofC</b>	Certificate of Conformity
<b>MTR's</b>	Material Certification
<b>FDA</b>	FDA Elastomer compliance certificates
<b>USP</b>	USP Elastomer compliance certificates
<b>ADI</b>	Certified 'Animal Derived Ingredient' free

Part	Description
1	Inlet connection 316L stainless steel
2	Outlet connection 316L stainless steel
3	Element assembly 316/316L stainless steel
4	Element retainer Stainless steel
5	Seal HST20 PTFE-Viton envelope
	Seal HST20S FEP-Viton
6	Body clamp 304 stainless steel

HST20								
								
ASME BPE ISO DIN	1/2" DN8 and DN10 DN8 and DN10*	3/4" DN15 DN15*	1" DN20 DN20* and DN25	A	Dimensions (mm)			Weight (kg)
					B	C	D	
	✓	✓	✓	49	-	48.5	-	0.3
	✓	✓	✓	82	-	48.5	28	0.4
	✓	✓		82	-	48.5	-	0.4
	✓	✓	✓	49	85	-	-	0.3
	✓	✓	✓	82	85	-	28	0.4
	✓	✓		82	85	-	-	0.4

\*ISO DN15, DIN DN8 - DN20 available with 25mm or 34mm clamp connections. ISO DN15 available with 50.5mm clamp connections



### Packaging

Individually capped, bagged and boxed



### Service Parts

Element assembly and body seal - parts 3, 4 and 5



### Specification

See product selector sheet for specification and ordering detail

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Specifications subject to change without notice. HST20 - 12/14