

Applications & Features

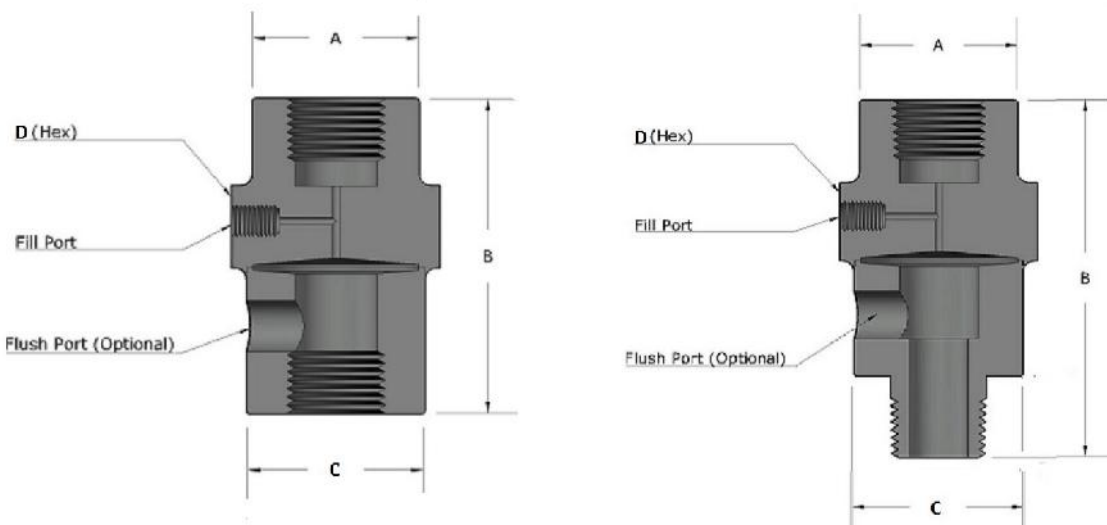
- Small threaded seal for off-line process connections
- All welded construction, No gasket, No Bolting
- Male or female NPT process connection
- Economical low cost design



Ordering Information

Base Model		
	HMT-	All Welded Threaded Mini Seal
Size		
	1	1.5" Diaphragm 2000 PSI (Standard)
	2	2.0" Diaphragm 1000 PSI (Standard)
Inst. Connection		
	W	Weld Connection
	2	1/4" NPT
	4	1/2" NPT
Upper Material		
	S6	316 / 316LSS
	M4	Monel 400 Required for Monel Wetted
Process Connection Size		
	2	1/4" NPT
	4	1/2" NPT
	5	3/4" NPT (Size 2 Only)
	6	1.0" NPT (Size 2 Only)
Process Connection Type		
	F	Female
	M	Male
Lower Material		
	S6	316 / 316LSS
	C2	Alloy 20
	HC	Alloy C-276
	HB	Alloy B-3
	M4	Monel 400
	I6	Alloy 600
	DP	Alloy 2205
	NI	Nickel 200
Flushing Connection		
	N	None
	A	Single 1/4" NPTF
	B	Dual 1/4" NPTF
Diaphragm Material		
	S6	316 / 316LSS
ALWAYS MATCHES	S4	304/304L
LOWER MATERIAL	C2	Alloy 20
	HC	Alloy C-276
		CONTINUED ON NEXT PAGE

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	HB	Alloy B-3
	M4	Monel 400
	I6	Alloy 600
	DP	Alloy 2205
	NI	Nickel 200
Options		
	/P1	Single 1/4" NPT plug for flush port (Material same as lower)
	/P2	Dual 1/4" NPT plugs for flush port (Material same as lower)
	/MC	Material cert with MTR's



HMT Dimensional Information

1.5" Diaphragm 2000 PSI MWP					
Process Conn.	Flush Port	A	B	C	D
1/4" NPTF	None	1.40"	2.20"	1.50"	1.75"
	1/4"	1.40"	2.70"	1.50"	1.75"
1/2" NPTF	None	1.40"	2.20"	1.50"	1.75"
	1/4"	1.40"	2.70"	1.50"	1.75"
3/4" NPTF	None	1.40"	2.20"	1.50"	1.75"
	1/4"	1.40"	2.70"	1.50"	1.75"
1/4" NPTM	None	1.40"	2.80"	1.50"	1.75"
	1/4"	1.40"	3.30"	1.50"	1.75"
1/2" NPTM	None	1.40"	2.93"	1.50"	1.75"
	1/4"	1.40"	3.43"	1.50"	1.75"
3/4" NPTM	None	1.40"	2.95"	1.50"	1.75"
	1/4"	1.40"	3.45"	1.50"	1.75"

2.0" Diaphragm 1000 PSI MWP					
Process Conn.	Flush Port	A	B	C	D
1/4" NPTF	None	1.90"	2.20"	2.00"	2.25"
	1/4"	1.90"	2.70"	2.00"	2.25"
1/2" NPTF	None	1.90"	2.20"	2.00"	2.25"
	1/4"	1.90"	2.70"	2.00"	2.25"
3/4" NPTF	None	1.90"	2.20"	2.00"	2.25"
	1/4"	1.90"	2.70"	2.00"	2.25"
1.0" NPTF	None	1.90"	2.20"	2.00"	2.25"
	1/4"	1.90"	2.70"	2.00"	2.25"
1/4" NPTM	None	1.90"	2.80"	2.00"	2.25"
	1/4"	1.90"	3.30"	2.00"	2.25"
1/2" NPTM	None	1.90"	2.93"	2.00"	2.25"
	1/4"	1.90"	3.43"	2.00"	2.25"
3/4" NPTM	None	1.90"	2.95"	2.00"	2.25"
	1/4"	1.90"	3.45"	2.00"	2.25"
1.0" NPTM	None	1.90"	3.08"	2.00"	2.25"
	1/4"	1.90"	3.58"	2.00"	2.25"