

ATLAS SERIES INSERT TYPE HOLDER

DESCRIPTION

Fike’s ATLAS rupture disc holder is specifically designed to ensure high performance at the high pressures the ATLAS rupture disc can achieve. It consists of a base (inlet) and a holddown (outlet). The holddown design optimizes disc performance. The ATLAS holder is an insert type holder and fits directly between most standard companion flange bolt circle configurations. SST sideclips are provided for holder pre-assembly.



APPROVALS:

- ASME
- CE Marked
- KOSHA
- CSL

FEATURES OF ATLAS RUPTURE DISC HOLDERS

- DiscLoc™ locator helps prevent inverted disc installation
- Serrated gasket faces per ANSI B16.5 for improved gasket sealing
- Integral hinge design to prevent fragmentation
- Optional O-Ring for increased disc sealing (Sizes 1 – 4” Only)
- NACE MR0103 and MR0175 available here



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Size		Atlas – LO Assembly Height		Atlas Assembly Height		Maximum Gauge Tap Size in Holddown
IN	DN	IN	mm	IN	mm	
1	25	1.50	38.1	-	-	None*
1.5	40	1.69	42.9	-	-	1/4 NPT
2	50	1.88	47.8	-	-	1/4 NPT
3	80	2.13	54.1	-	-	1/2 NPT
4	100	2.88	73.2	-	-	1/2 NPT
14	350	-	-	4.3	109.2	1/2 NPT
16	400	-	-	4.8	121.9	1/2 NPT
18	450	-	-	5.3	134.6	1/2 NPT
20	500	-	-	5.9	149.9	1/2 NPT
24	600	-	-	7.0	177.8	1/2 NPT
26	650	-	-	7.6	193.0	1/2 NPT
28	700	-	-	7.9	200.7	1/2 NPT
30	750	-	-	8.4	213.4	1/2 NPT
32	800	-	-	9.0	228.6	1/2 NPT
36	900	-	-	9.6	243.8	1/2 NPT
42	1050	-	-	10.3	261.6	1/2 NPT



MATERIALS OF CONSTRUCTION

ATLAS Series holders are available in a wide variety of metal alloys.

HOLDER ACCESSORIES

Spacer rings are available and required when the rupture disc assembly is directly coupled to the inlet of a pressure relief valve (Refer to Data Sheet R.1.16.01 for more information). Studs and nuts to accommodate overall assembly height with spacer ring also available. Spacer rings are supplied standard with one 1/2" NPT gauge tap. Assembly height does not include spacer ring or gasket thickness.