



## BOLTED TYPE HOLDER FOR ATLAS SERIES

### DESCRIPTION

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

### FEATURES AND BENEFITS

- DiscLoc™ locator helps to prevent inverted disc installation
- Serrated gasket faces (per ANSI B16.5) for improved gasket sealing ability with companion flanges
- Integral hinge design to prevent disc fragmentation
- Shear element that acts as secondary means to ensure proper disc opening
- Optional O-ring seal for increased disc sealing



#### APPROVALS:

- CE
- ASME



## ATLAS INSERT TYPE HOLDER – ANSI 150-600 AND PN10-100

Size		ATLAS-LO Assembly Height <sup>1</sup> ± 2mm	Atlas Assembly Height <sup>1</sup> ± 2mm	Maximum Gauge Tap Size in Holddown <sup>2</sup>
IN	DN	mm	mm	
1	25	38.1	-	None <sup>3</sup>
1.5	40	42.9	-	¼" NPT
2	50	47.8	-	¼" NPT
3	80	54.1	-	½" NPT
4	100	73.2	-	½" NPT

14	350	-	109.2	½" NPT
16	400	-	121.9	½" NPT
18	450	-	134.6	½" NPT
20	500	-	149.9	½" NPT
24	600	-	177.8	½" NPT
26	650	-	193.0	½" NPT
28	700	-	203.2	½" NPT
30	750	-	210.8	½" NPT
32	800	-	228.6	½" NPT
36	900	-	243.8	½" NPT
42	1050	-	261.6	½" NPT

(1) This is the height of the holder assembly without a bursting disc.

(2) For other gauge tap options – Consult factory.

(3) Spacer ring required for mounting of any accessories.

### NOTES

- When ordering, please specify 'ATLAS-LO'.
- To ensure proper performance, assembly must be installed between standard ANSI, ISO, DIN and JIS flange designs with schedule 40 or higher wall thickness.

### MATERIALS OF CONSTRUCTION

Atlas Series holders are available in carbon steel and 316 stainless steel. Other materials are available on request.

### HOLDER ACCESSORIES

Spacer rings are available and required when the bursting disc assembly is close coupled to the inlet of a pressure relief valve. (Refer to datasheet R.2.16.01-x 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.