



# The **SVI**<sup>™</sup> Rupture Disk Assembly for Relief Valve Isolation



The SVI assembly slips into existing piping. ASME code requires a tell-tale indicator to be used with rupture disks and relief valves used in combination.



The SVI is a compact rupture disk (bursting disk) assembly designed for installation into piping systems and for isolating safety relief valves.

## Features

- Solid metal reverse buckling S-90 disk welded into a compact holder assembly
- Designed for non-fragmentation
- Available in standard sizes: 1 1/2 inch (40 mm) through 10 inches (250 mm)
- The SVI fits between standard companion flanges and drops into inlet bore (schedule piping assumed)
- Designed to isolate relief valves from process media and keep process fluid from leaking to the atmosphere
- Standard disk materials are nickel and Inconel®, (alloy 600). The body and flange are 316 stainless steel - consult BS&B for other disk material options
- Fluoropolymer boot available upon request for added corrosion resistance on inlet side of disk assembly
- Standard MDR is -5% or -10%

## Benefits

- Leak-tight welded construction
- Simple installation without sensitivity to companion flange torque
- Used with standard flat fiber, elastomer, or spiral wound gaskets (not supplied)
- Simple retrofit to established piping systems
- Full vacuum resistance
- Back pressure resistant to at least burst pressure
- Compact low mass construction
- Available with ASME stamp or "CE" mark

## Specifications for SVI Rupture Disks at 72°F (22°C)

Nominal Size		Nickel 200				Inconel® 600			
in	mm	psig		barg		psig		barg	
		min	max	min	max	min	max	min	max
1.5	40	125	400	9	28	150	400	10	28
2	50	90	400	6	28	110	400	8	28
2.5	65	90	400	6	28	110	400	8	28
3	80	75	350	5	24	90	350	6	24
4	100	60	300	4	21	72	300	5	21
6	150	50	250	3.5	17	60	250	4	17
8	200	Consult Factory							
10	250								

Recommended maximum temperatures for each metal: Inconel® 900°F (482°C); Nickel 750°F (398°C). Note: Inconel® is a registered trademarks of Special Metals Corporation and its subsidiaries.

**BSBSystems.com | BSB.ie**

Products, specifications and all data in this literature are subject to change without notice. Questions regarding product selection and specifications for specific applications should be directed to BS&B. All sales are subject to the BS&B companies' standard terms and conditions of sale. Nothing herein should be construed as a warranty of merchantability or fitness for a particular purpose.

