

BOLTED INSERT TYPE HOLDERS FOR AXIUS, SRX AND SRL

DESCRIPTION

Bolted type disc holders are designed to be used with the reverse-acting bursting discs of types Axius, SRX and SRL. Typically a bursting disc holder is a two-piece unit consisting of a base flange (inlet) and a holddown flange (outlet). The face of the holder is machined to hold the bursting disc and forms a leak-tight metal-to-metal seal.

The holder contains a DiscLoc™-feature to prevent inverted installation of the disc.

FEATURES AND BENEFITS

- Welding, threaded connections, or bolted EN / ISO or ANSI companion flanges configuration
- Can be pre-assembled installed between companion flanges as an assembly
- Ensures protection and correct positioning of bursting disc
- Allows for pre-assembly of bursting disc under controlled condition
- Available in a wide range of standard sizes, configurations and materials
- Can be combined with O-ring to offer improved leakage performance

APPLICATIONS

Due to the high flow coefficient, the outstanding operating ratio, and backpressure resistance, the Axius, SRX and SRL bursting discs are widely used for relief valve isolation. These bursting discs are available in a wide range of materials and can isolate the relief valve from the corrosion action of the process, so that the valve can be constructed from less expensive materials.



APPROVALS:

- CE
- ASME



DIMENSIONS

Size		SRX Assembly	XL Assembly	XLO Assembly	Outside Diameter (mm) $\pm 0.5\text{mm}$					
DN	Inch	Height (mm) $\pm 2^1$	Height (mm) $\pm 2^1$	Height (mm) $\pm 2^1$	ANSI 150	ANSI 300	PN10	PN16	PN25	PN40
20	¾	-	49.3	-	54	63	61			
25	1	54.1	60.5	54.1	63	70	70			
40	1 1/2 ²	54.1	73.2	54.1	82	92	92			
50	2	56.4	76.2	52.3	101	106	106			
80	3	56.4	95.3	52.3	132	146	141			
100	4	65.0	115.8	62.0	171	177	162		166	
150	6	74.7	152.4	69.9	217	247	217		224	
200	8	81.8	192.0	76.2	276	305	273		282	289
250	10	100.1	243.6	102.4	336	358	328		340	351
300	12	115.8	292.9	124.5	406	417	376	384	400	417
350	14	130.3	-	-	447	482	438	444	457	474
400	16	149.4	-	-	511	536	489	495	514	546
450	18	166.6	-	-	546	593	539	555	564	571
500	20	185.7	-	-	603	651	594	617	624	628
600	24	222.3	-	-	714	771	695	734	731	747

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

(2) The height of the Gi holder for size DN40 of bursting disc type SRL is 60mm ($\pm 2\text{mm}$) for the SRL assembly and 54mm ($\pm 2\text{mm}$) for the SRLO assembly.