

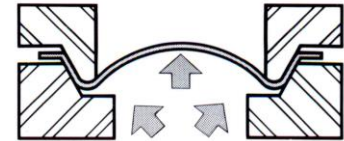
### BOLTED TYPE HOLDERS FOR POLY-SD

#### DESCRIPTION

The bolted type Poly-SD bursting disc holders are designed to be used with the forward acting scored Poly-SD type bursting discs. Typically a bursting disc holder is a two-piece unit consisting of a base flange (inlet) and a holddown flange (outlet). The face of this holder is machined to hold the bursting disc and, together with the disc, form a bubble-tight metal-to-metal seal. An optional O-ring disc seal in base and holddown is available to reduce fugitive emissions.

#### FEATURES AND BENEFITS

- Available in welding, threaded connections, or bolted EN / ISO or ANSI companion flanges configuration
- Can be pre-assembled installed between the companion flanges as an assembly
- Optionally a pretorqueable bursting disc holder can be provided
- Ensures 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-rings to offer improved leakage performance





## APPLICATIONS

Due to the high flow coefficient, the high operating ratio of 95%, and the backpressure resistance, the Poly-SD discs are mainly used for relief valve isolation.

The Poly-SD bursting discs are available in a wide range of materials and can isolate the relief valve from the corrosive action of the process, so that the valve can be constructed from less expensive materials.

## DIMENSIONS: GI POLY-SD

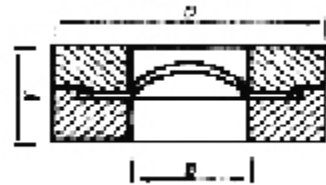
Notes:

(1) These holders are provided with side clips; all others are provided with stainless steel pre-assembly screws.

(2) Where gauge tap connections would be required the specified holder heights may need to be increased: standard execution is suitable for inclusion of ¼" NPT gauge tap; extended heights are provided for ½" NPT gauge tap.

(3) For nominal size holders 6"/DN150 and larger the crown of the bursting disc may extend above the holder. Consult factory in case where this is not acceptable.

(4) For nominal size holders 3"/DN80 and larger the petals of the bursting disc after burst may protrude above the holder. Consult factory in case where is not desirable.



INCH	ANSI				EN					Gi Poly-SD			Approx. weight in kg	
	ANSI	BOLTS			DN	PN	BOLTS			Ø D	Height A <sup>±2 2 3 4</sup>			Ø B
		Qty	Ø in "	L in "			Qty	Ø	L in mm		Standard	Extended		
1/2	150	4	1/2	4	15	6	4	M10	100	44	44	-	12.7	0.60
1/2	300/600	4	1/2	4.75	15	10-40	4	M12	110	50	44	-	12.7	0.80
					15	64-100	4	M12	120	61	44	-	12.7	1.10
3/4 <sup>1</sup>	150	4	1/2	4.25	20 <sup>1</sup>	6	4	M10	105	54	44	51	19.1	0.90
					20	10-40	4	M12	115	61	44	51	19.1	1.00
3/4 <sup>1</sup>	300/600	4	5/8	5.25						64	43	49	19.1	1.10
1	150	4	1/2	4.25	25	6	4	M10	105	63	44	51	25.4	1.00
1	300/600	4	5/8	5.25	25	10-40	4	M12	115	70	43	49	25.4	1.25
					25	64-100	4	M16	135	81	43	49	25.4	1.75
1 1/2	150	4	1/2	4.5						82	44	51	38.1	1.50
					40	6	4	M12	105	86	44	51	38.1	1.75
1 1/2	300/600	4	3/4	6	40	10-40	4	M16	120	92	43	49	38.1	2.00
					40	64-100	4	M20	145	101	43	49	38.1	2.50
2 <sup>1</sup>	150	4	5/8	5						101	43	49	63.5	1.80
2 <sup>1</sup>	300/600	8	5/8	6	50 <sup>1</sup>	10-40	4	M16	125	106	43	49	63.5	2.00
					50	64	4	M20	145	110	43	49	63.5	2.40
					50	100	4	M24	155	117	43	49	63.5	2.70
3 <sup>1</sup>	150	4	5/8	5.25	80 <sup>1</sup>	6	4	M16	115	132	43	49	90.5	2.60
					80	10-40	8	M16	120	141	43	49	90.5	3.30
3	300/600	8	3/4	6.25	80	64	8	M20	145	146	43	49	90.5	3.70
					80	100	8	M24	160	152	43	49	90.5	4.10
					100 <sup>1</sup>	10-16	8	M16	125	162	43	49	115.9	3.50
					100 <sup>1</sup>	25-40	8	M20	140	166	43	49	115.9	3.90



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		Qty	Ø in "	L in "			Qty	Ø	L in mm		Standard	Extended		
4 <sup>1</sup>	150	8	5/8	5.25						171	43	49	115.9	4.30
					100	64	8	M24	155	174	43	49	115.9	4.30
4	300	8	3/4	6.25						177	43	49	115.9	4.90
					100	100	8	M27	160	178	43	49	115.9	5.00
4	600	8	7/8	7.5						190	43	49	115.9	6.20
6	150	8	3/4	6	150	10-16	8	M20	140	217	49	56	154.9	7.20
					150	25-40	8	M24	150	224	49	56	154.9	8.10
6	300	12	3/4	6.75	150	64	8	M30	185	247	49	56	154.9	11.30
					150	100	12	M30	200	256	49	56	154.9	12.80
6	600	12	1	8.75						263	49	56	154.9	13.90
					200	10-16	8/12	M20	150	273	49	56	203.3	11.90
8	150	8	3/4	6.5						276	57		203.3	12.50
					200	25	12	M24	170	282	57		203.3	13.70
					200	40	12	M27	185	289	57		203.3	15.10
8	300	12	7/8	7.75						305	57		203.3	18.40
					250 <sup>1</sup>	6	12	M16	150	317	57		261.7	13.20
					250 <sup>1</sup>	10	12	M20	170	328	57		261.7	16.10
					250 <sup>1</sup>	16	12	M24	170	328	65		261.7	16.10
10	150	12	7/8	7						336	65		261.7	18.30
					250	25	12	M27	190	340	65		261.7	19.50
					250	40	12	M30	205	351	65		261.7	22.50
10	300	16	1	8.75						358	65		261.7	24.60
					300	6	12	M20	160	373	65		305.0	20.00
					300	10	12	M20	155	376	65		305.0	21.00
					300	16	12	M24	180	384	65		305.0	23.50
					300	25	16	M27	195	400	65		305.0	29.00
12	150	12	7/8	7.5						405	68		305.0	30.70
12	300	16	1 1/8	9.5	300	40	16	M30	215	417	68		305.0	35.00