



Screw Type Disk Holders

Features

- Designed for use with PBST, FPBST, DST or FDST Series Rupture Disks
- Available in Standard 30° angle or flat seat designs
- Ideal for application pressures up to 15,000 psig (1034.2 barg)
- Standard material of construction is stainless steel. Other materials are available, contact ZOOK
- Standard inlet connections: 1/4" MNPT or 1/2" MNPT
- Standard outlet connections: muffled, free (open to atmosphere) or threaded. Muffled outlets reduce noise levels and redirect fragments or product released when the rupture disk bursts
- Standard unit consists of 3 components: Inlet, Hold-down Ring and Outlet. The rupture disk mounts between the inlet and the hold-down ring. The outlet provides compression required to seal the disk
- ASME UD* marking is available upon request, contact ZOOK for more information

Notes:

- * ASME available on free and threaded outlets
- Maximum pressures are reduced with increased temperatures



ST1 and ST2

ST3, ST4, and ST8

ST5 and ST6

1/2" Angle Seated Hold-down rings are hardened Stainless Steel

Seat / Size based on pressure:

Min – 1,000 psi (68.9 barg): 11/16" flat seat

Min – 3,000 psi (206.8 barg): 1/2" angle seat

Min – 15,000 psi (1034.2 barg): 1/2" flat seat

Refer to PB or D series rupture disk series data sheet for additional information

Assembly Number	Connections		Hex Size		Approximate End-To-End Dimensions
	Inlet	Outlet	Inlet	Outlet	
ST1	1/4" MNPT	FREE	1-1/4" (31.8mm)	1-1/8" (28.6 mm)	2-3/8" (60.33 mm)
ST2	1/2" MNPT	FREE	1-1/4" (31.8mm)	1-1/8" (28.6 mm)	2-3/8" (60.33 mm)
ST3	1/4" MNPT	1/2" MNPT	1-1/4" (31.8mm)	1-1/8" (28.6 mm)	3-3/16" (81.00 mm)
ST4	1/2" MNPT	1/2" MNPT	1-1/4" (31.8mm)	1-1/8" (28.6 mm)	3-3/16" (81.00 mm)
ST5	1/4" MNPT	MUFFLED	1-1/4" (31.8mm)	1-1/8" (28.6 mm)	2-9/16" (65.1 mm)
ST6	1/2" MNPT	MUFFLED	1-1/4" (31.8mm)	1-1/8" (28.6 mm)	2-9/16" (65.1 mm)
ST8	1/4" MNPT	1/4" MNPT	1-1/4" (31.8 mm)	1-1/8" (28.6 mm)	2-1/8" (79.3 mm)



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