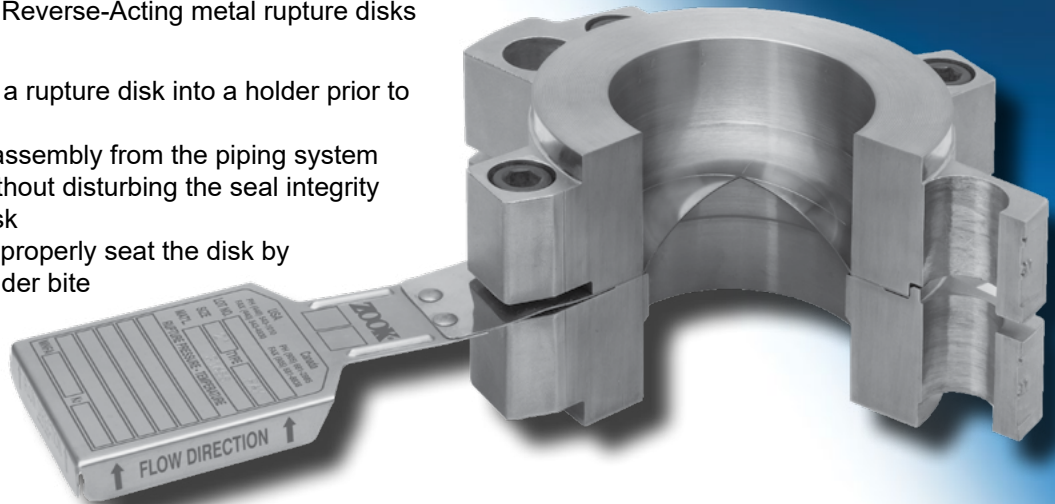


Features / Benefits

- FA Series offers one unique holder design for use with multiple types of ZOOK Reverse-Acting metal rupture disks
- Pre-Torque Design
 - Pre-assembly of a rupture disk into a holder prior to field installation
 - Removal of the assembly from the piping system for inspection without disturbing the seal integrity of the rupture disk
 - Pre-torque bolts properly seat the disk by engaging the holder bite






- One holder design
 - Accepts multiple disk designs
- Disk dome is contained within the holder assembly
 - Prevents damaging the disk during installation into mating flanges
- Locating pin
 - Allows only forward-acting type disks to be mounted into holder
- Polyethylene cap screw covers
 - Prevents debris from building up in cap screw head
- Sizes 1" thru 12"
- Standard holder materials:
 - Carbon Steel, 316SS, Hastelloy
- Fluoropolymer coated socket head cap screws
 - Resists corroding to holder assembly
 - Provides easy removal without special sockets
- Holder information is permanently affixed to the O.D. of holder
- Bubble tight metal-to-metal bite and disk seal
- Flow direction arrows on disk tag and holder
 - Provides permanent visual verification that holder assembly is properly oriented in the piping system
- Flange class and type specific
 - Guards against installing an assembly into mating flanges with a different pressure rating than the rupture disk holder
- Positioning hole in mounting lug
 - Located in the exact position as the mating flange
 - Allows for proper alignment
 - Can be used as an extra "hand" when installing into horizontal piping



FAH Series

Holder Dimensions / Specifications

Nominal Size	Available ANSI Flange Class*	Minimum Height (in)†	Standard Height (in)			Weight (lbs.) (Short Pattern)	Number of Cap Screws	Cap Screws Hex Size	Gauge tap (NPT)**
			Short Pattern FAH 	Mid Pattern FAH-LP1 	Long Pattern FAH-LP2 				
1"	150/300/600	1-9/16"	2-1/8"	2-11/32"	2-9/16"	3.8	4	3/16"	1/8", 1/4"
1-1/2"	150/300/600	1-11/16"	2-1/4"	2-29/32"	3-9/16"	6.4	4	1/4"	1/8", 1/4"
2"	150/300/600	2-5/32"	2-23/32"	3-15/16"	5-5/32"	9.0	4	5/16"	1/8", 1/4"
3"	150/300/600	2-9/16"	3-1/8"	4-15/16"	6-23/32"	16.6	4	3/8"	1/8", 1/4"
4"	150/300	2-19/32"	3-5/32"	5-31/32"	8-3/4"	22.5	4	3/8"	1/8", 1/4"
6"	150/300	3-7/32"	3-7/16"	6-25/32"	10-3/32"	36.00	8	5/16"	1/8", 1/4"
8"	150/300	4-1/16"	4-5/8"	9-1/32"	13-15/32"	53.4	8	3/8"	1/8", 1/4"
10"	150	4-3/4"	5-21/32"	11-5/32"	16-11/16"	99.8	12	3/8"	1/8", 1/4"
12"	150/300	5-1/16"	6-17/32"	13-5/32"	19-25/32"	136.00	12	1/4"	1/8", 1/4"

Notes:

- * Holders are also available to fit DIN and JIS flanging. Contact ZOOK for details.
- † Minimum height specified in table above will maintain the pre-torque feature of the rupture disk holder. Refer to ASME/ANSI B16.5 pipe flanges and flange fittings (Table 2) for max allowable pressure/temperature ratings per flange class.

Options / Accessories

Mid/Long Pattern

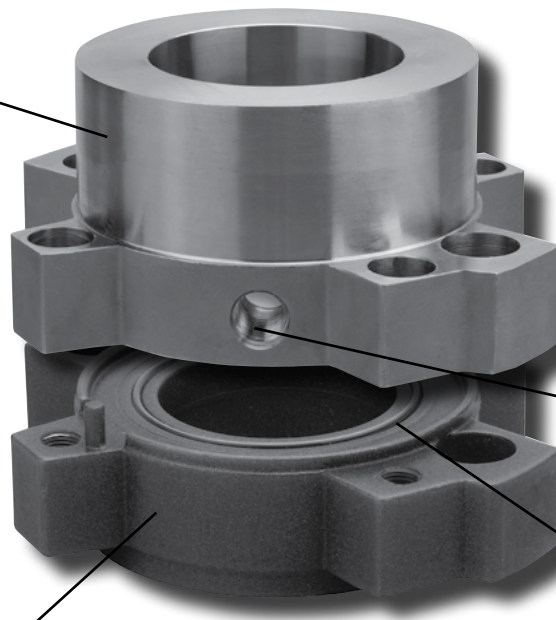
- Can be machined to meet existing piping specifications
- Prevents rupture disk membrane from protruding beyond the outlet holder after burst

Replacement Fluoropolymer Coated Cap Screws



Cap Screw Specifications*	
Type	Socket Head
Material	Alloy Steel
Hardness	38-43-RC
Threads	UNRF 3A

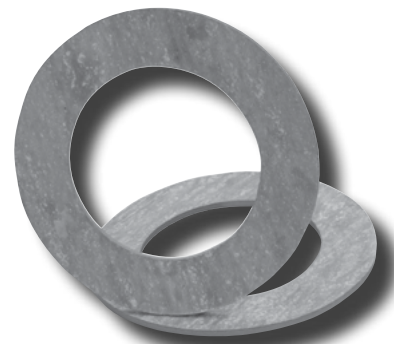
* Required to meet Pre-Torque specifications



Special Coating

- Fluoropolymer Teflon Sintered (FS)
- Provides durable, non-stick surface (Requires O-Ring Seal)

Gaskets



Gauge Tap**

- Used for monitoring pressure / temperature at rupture disk location
- Also available on inlet holder

O-Ring Seal

- Teflon encapsulated Viton

Teflon – TM DuPont
Hastelloy C – TM Haynes International



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