Threaded HOLDER ASSEMBLY

Oseco's Threaded Rupture Disk Holder is used on high-pressure applications.

The Threaded Holder Assembly is widely used on high-pressure applications up to 15,000 psig at 100° F. The standard unit utilizes an 11/16" flat seat or 1/2" flat seat hold-down ring. For disk ratings of 1,000 psig or less, the 11/16" hold-down ring is used.

Standard material of construction is 316 Stainless Steel. Standard inlet connections are 1/4" MPT or 1/2" MPT with 1/2" MPT or muffled outlet. Other materials and connections are available to your exact specifications.

Threaded Rupture Disk Holder:
Pressure & Temperature Ratings

Service Temperature	Maximum Pressure Rating (PSIG)
100° F	15,000
250° F	14,500
500° F	13,000
750° F	9,800
1,000° F	8,000

11/16" STD Disk: Flat Seat (Flat Seat Solid Metal Disk—1,000 PSI Max.)

Disk Material	Unlined Disks			Fluoropolymer Lined Disks		
	Min. PSIG	Max PSIG	Max Temp.	Min. PSIG (1) Side FP*	Max. PSIG 1 or 2 Sides	Max. Temp. Fluoropolymer
316 S.S.	455	1,000	900° F	650	1,000	400° F
Nickel	200	1,000	750° F	370	1,000	400° F
Monel	250	1,000	800° F	420	1,000	400° F
Inconel	325	1,000	900° F	500	1,000	400° F
Aluminum	55	650	250° F	225	650	250° F

* FP indicates Virgin Fluoropolymer. PFA, FEP or PTFE may be product-specific and used at Oseco's discretion.

1/2" STD Disk: Flat Seat (Flat Seat Solid Metal Disk—15,000 PSI Max.)

Disk Material	Unlined Disks			Fluoropolymer Lined Disks			
	Min. PSIG	Max PSIG	Max Temp.	Min. PSIG (1) Side FP*	Min. PSIG 1 or 2 Sides	Max. PSIG Fluoropolymer	Max. Temp Fluoropolymer
316 S.S.	700	15,000	900° F	950	1,060	5,000	400° F
Nickel	300	7,500	750° F	500	610	3,750	400° F
Monel	375	7,500	800° F	575	685	4,500	400° F
Inconel	500	15,000	900° F	725	835	5,000	400° F
Aluminum	90	1,000	250° F	275	380	1,000	250° F

* FP indicates Virgin Fluoropolymer. PFA, FEP or PTFE may be product-specific and used at Oseco's discretion.