

**Manufacturing Ranges for Rupture Disks
 Used in the OTU & OTC**

Specified Rupture Pressure 72°F (22°C)		Manufacturing Range %
psig	barg	
STD/STDV or CO/COV		
77 - 90	5.31 - 6.21	+12 to -6
91 - 270	6.22 - 18.61	+10 to -5
271 - 500	18.62 - 34.47	+8 to -4
501 - 1,000	34.48 - 68.95	+6 to -3
PRO+		
78 - 800	5.38 - 55.16	+0 to -10

Dimensions for OTU & OTC Assemblies

Assembly Number	Connections		Overall Height (in.)	Hex Across Flats (in.)
	Inlet	Outlet		
OTU - 1	1/4-MPT	Free	1-3/16	1-1/8
OTC - 1	1/4-MPT	Free	1-1/16	1-1/8
OTU - 2	1/2-MPT	Free	1-3/8	1-1/8
OTC - 2	1/2-MPT	Free	1-5/16	1-1/8
OTU - 3	3/8-MPT	3/8-SAE	2	1-1/8
OTU - 4	3/8-MPT	1/2-SAE	2-1/8	1-1/8
OTU - 5	3/8-MPT	1/2-MPT	2-1/8	1-1/8
OTU - 6	1/2-MPT	1/2-MPT	2-1/4	1-1/8
OTU - 7	1/4-MPT	Muffled	1-5/8	1-1/8
OTC - 7	1/4-MPT	Muffled	1-9/16	1-1/8
OTU - 8	1/2-MPT	Muffled	1-7/8	1-1/8
OTC - 8	1/2-MPT	Muffled	1-13/16	1-1/8

Minimum/Maximum Burst Pressure for OTU & OTC @ 72 °F (psig)/ 22 °C (barg)

Disk Type	Body Material	Disk Material	Burst Pressure				Maximum Temp (°F)
			Minimum		Maximum		
			psig	barg	psig	barg	
STD or STDV	Brass	Nickel-200/201	200	13.79	1000	68.95	750
	Brass	Monel®-400	250	17.24	1000	68.95	800
	Brass	Inconel®-600	325	22.41	1000	68.95	900
	Brass	316 SS	455	31.37	1000	68.95	900
CO or COV	Brass	Nickel/fluoropolymer	77	5.31	700	48.26	500
	Brass	Monel/fluoropolymer	115	7.93	700	48.26	500
	Brass	Inconel/fluoropolymer	115	7.93	700	48.26	500
	Brass	316 SS/fluoropolymer	115	7.93	700	48.26	500
PRO+	Brass	Nickel	78	5.38	800	55.16	750
	Brass	316 SS	156	10.76	800	55.16	750