

BOLT TYPE THREADED RUPTURE DISC

Special Features:

- Low Cost OEM
- Wide Temperature Range
- Crevice Free Stainless Steel Construction
- Arch Burst Design
- Compact Version
- Leak Proof Seal
- Instant Response in milliseconds



Applications:

P1020 Rupture Discs with Compact Design are used as a pressure relief device for safety applications and excess pressure relief in Petrochemical, Aerospace, Aviation, Defense, Medical, Railroad, Nuclear, Chemical, Pharmaceutical, Food processing and oil field applications. They can be used as single protection devices or as a backup device for a conventional safety valve; Rupture discs are very often used in combination with safety relief valves, isolating the valves from the process, thereby saving on valve maintenance and creating a leak-tight pressure relief solution.

Performance Specifications:

Pressure Range	: 10 Bar ~ 1000 Bar
Accuracy	: $\pm 5.0\%$
Operating Temp.	: - 40 °C to 650 °C
Process Connections	: 1/4" BSP; 1/4" NPT; 1/2" BSP; 1/2" NPT
Disc Diameter	: 5mm ~ 50mm

Wetted Parts	: AISI 316 SS
Diaphragm	: AISI 316 SS
Bolt	: AISI 316 SS
Welding	: Laser Welding
Media Compatibility	: All Materials compatible with AISI 316 SS

Standard Ranges:

RANGE (BAR)	RANGE (BAR)	RANGE (BAR)
0/10	0/16	0/18
0/20	0/25	0/30
0/40	0/50	0/60
0/70	0/100	0/160
0/200	0/250	0/300
0/350	0/400	0/500
0/600	0/700	0/1000

* Non Standard Ranges And Various Engineering Units Available On Request