

Rupture Discs

1/4" Angled Seat



SPECIAL DISCS

are available on special order for pressure ranges not shown above and in numerous materials and coatings. Consult factory for price and delivery.

Standard rupture discs are available from stock in burst pressures as listed in the chart below. All pressures through 15,000 psi are shaded. These discs are 316 stainless steel (except for 1,000 psi which are inconel) and may be used with any of the safety heads shown. Note that these rupture discs are supplied with a tolerance of plus 6% and minus 3% of specified burst pressure. Samples of each batch are tested and the actual average burst pressure is stamped on an accompanying metal tag. Factors influencing rupture disc life include corrosion, metal fatigue, and cyclic effects. Periodic replacement is recommended to prevent premature failure.

Standard Burst Pressures (in psi at 72°F)

| | | | | | | | | | |
|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 1,000 | 3,000 | 5,000 | 7,000 | 9,000 | 11,000 | 17,500 | 25,000 | 37,500 | 55,000 |
| 1,500 | 3,500 | 5,500 | 7,500 | 9,500 | 11,500 | 18,000 | 27,000 | 40,000 | 60,000 |
| 2,000 | 4,000 | 6,000 | 8,000 | 10,000 | 12,500 | 20,000 | 30,000 | 45,000 | 65,000 |
| 2,500 | 4,500 | 6,500 | 8,500 | 10,500 | 15,000 | 22,500 | 35,000 | 50,000 | |