

RUPTURE DISCS & HOLDERS

RUPTURE DISKS AND HOLDERS



STANDARD TYPE RUPTURE DISC

The Standard rupture disc is used in systems that have an operating pressure of up to 70% of the rupture disc's rated burst pressure.

The 30° Standard rupture disc is available in nominal sizes 1/2" through 12" for use in Full Bolted, Insert and Union holders. Pressure ranges from 15 PSIG to 10,000 PSIG are available in a variety of different materials. The Standard rupture disc is suitable for either gas or liquid applications.

COMPOSITE TYPE RUPTURE DISC



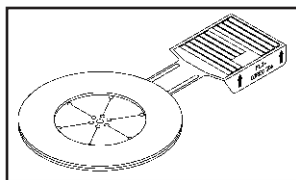
The 30° angular seat design Composite rupture disc is available in sizes ranging from 1" to 12" and burst ratings as low as 2 PSIG

through 1000 PSIG.

The Composite rupture disc is recommended for use in systems that have an operating pressure of up to 80% of the rupture disc's rated burst pressure.

LAMOT Corporation's composite top section is manufactured with a seven-hole pattern at the apex of the rupture disc dome. This seven-hole pattern, along with the six pre-cut sections, provides a non-fragmenting design when used with a nonmetallic or Teflon seal.

LOW PRESSURE ISOLATION SEAL



The Isolation Seal (IS) rupture disc is a flat, Composite design rupture disc that installs between standard bore, 150# ANSI bolted flanges. This rupture

disc is not prebulged, but flat, thus the operating pressure is limited to 50% of the rupture disc's minimum burst pressure in either a positive or negative direction. Flat non-asbestos gaskets are permanently affixed to the rupture disc's process and vent sides for easy handling and installation.



INSERT HOLDERS

The Insert holder is a 30° seat holder which fits within the bolting pattern of ANSI companion pipe flanges. Insert holders are

furnished with preassembly screws or side clips for bench assembly.

The Insert holder is available in nominal sizes ranging from 1" through 12" to mate with ANSI bolting classes 150# to 1500#.

FULL BOLTED HOLDERS



LAMOT Corporation offers nine different connection combinations of full bolted holders compatible with ANSI bolting classes. Full bolted holders are available in any combination of welded,

threaded, or flat faced inlet and outlet connections.

The full bolted holder is available in nominal sizes ranging from 1" through 12" to mate with ANSI bolting classes 150# to 2500#.



UNION HOLDERS

A Union holder is similar to a standard pipe union, except the mating surfaces are machined to hold a 30° seat. The assembly nut provides the compression necessary to clamp the

rupture disc securely in place.

The Union holder is a three piece unit consisting of an inlet flange, outlet flange and either a hex or wing nut.

The hex nut type Union holders are available in sizes 1/2", 1", 1 1/2" and 2".

The wing nut Union type holder is supplied with extra heavy hammer lugs. LAMOT wing nut Union holders are available in sizes 1", 1 1/2" and 2".