

INSERT

INSERT RUPTURE DISC HOLDER

The Oseco Insert Rupture Disc Holder is a reduced diameter flat-faced flange assembly that bolts between standard ANSI pipe flanges and fits within the bolt circle. This holder allows the rupture disc to be pre-assembled to ensure it is properly seated before installation into the pressure systems.

Insert Holders are available in standard ANSI flange ratings up to 42". Oseco Insert Holders are offered in three seating arrangements. The type of rupture disc to be used determines which seating arrangement to specify.



FRDI

Oseco's Insert Holder is designed to bolt between standard ANSI flanges.

- Available in three designs - FRDI, PRDI and RDI
- The FRDI has a flat seat and is for use with the FAS, (F)CO and (F)STD discs
- The PRDI has a flat seat and is for use with the PRO+KRGL, PCR and PLR discs
- The RDI has a 30° angular seat and is for use with the STD and CO discs
- PRDI and FRDI holders are available with extended heights for fixed piping applications or safety relief valve protection
- Standard materials of construction are 316 Stainless Steel and Carbon Steel. Other materials are available upon request.
- Designed to meet ASME standards

Sizes

1" - 42"

Common Applications

Safety Relief Valve Isolation and Flanged Piping Systems



Related Products

ONE PIECE UNIT
OSECO SAFETY CARTRIDGE™

RUPTURE DISC
FAS
PRO+KRGL

SENSORS
AMS

Certifications

ASME UD
CRN
PED 2014/68/EU
China SELO

Oseco Insert Holder Technical Specifications

TDI, FRDI and PRDI: Insert Dimensional Data

| SIZE inches (metric) | ANSI RATING | O.D. (Inches) | OVERALL HEIGHT (Inches) | | |
|-------------------------|----------------|------------------|----------------------------|------|------|
| | | | TDI | FRDI | PRDI |
| 1 DN 25 | 150 | 2.5 | 1.62 | 1.62 | 1.75 |
| 1 DN 25 | 300/600 | 2.75 | 1.62 | 1.62 | 1.75 |
| 1.5 DN 40 | 150 | 3.25 | 1.62 | 1.62 | 1.75 |
| 1.5 DN 40 | 300/600 | 3.62 | 1.62 | 1.62 | 1.75 |
| 2 DN 50 | 150 | 4.0 | 1.75 | 1.62 | 1.75 |
| 2 DN 50 | 300/600 | 4.25 | 1.75 | 1.62 | 1.75 |
| 3 DN 80 | 150 | 5.25 | 1.75 | 1.62 | 1.93 |
| 3 DN 80 | 300/600 | 5.75 | 1.75 | 1.62 | 1.93 |
| 4 DN 100 | 150 | 6.75 | 1.75 | 1.87 | 2.31 |
| 4 DN 100 | 300 | 7.0 | 2.25 | 1.87 | 2.31 |
| 6 DN 150 | 150 | 8.62 | 2.25 | 2.5 | 2.81 |
| 6 DN 150 | 300 | 9.75 | 2.25 | 2.5 | 2.81 |
| 8 DN 200 | 150 | 10.87 | 2.31* | 2.87 | 3.43 |
| 10 DN 250 | 150 | 13.25 | 2.43* | 3.12 | N/A |
| 12 DN 300 | 150 | 16.0 | 2.62* | 3.62 | N/A |

*Disc crown height may protrude beyond the rupture disc holder outlet. Consult factory.

**Extended height holders available or fixed piping applications or safety relief valve protection. Consult factory.

Let us help you with all
your pressure relief questions.
Call us at (800) 395-3475
or email us at info@oseco.com.

www.oseco.com

