



**Continental Disc  
Corporation**

# TANKSERT

**BULLETIN**  
73-300

3-78  
PAGE 1

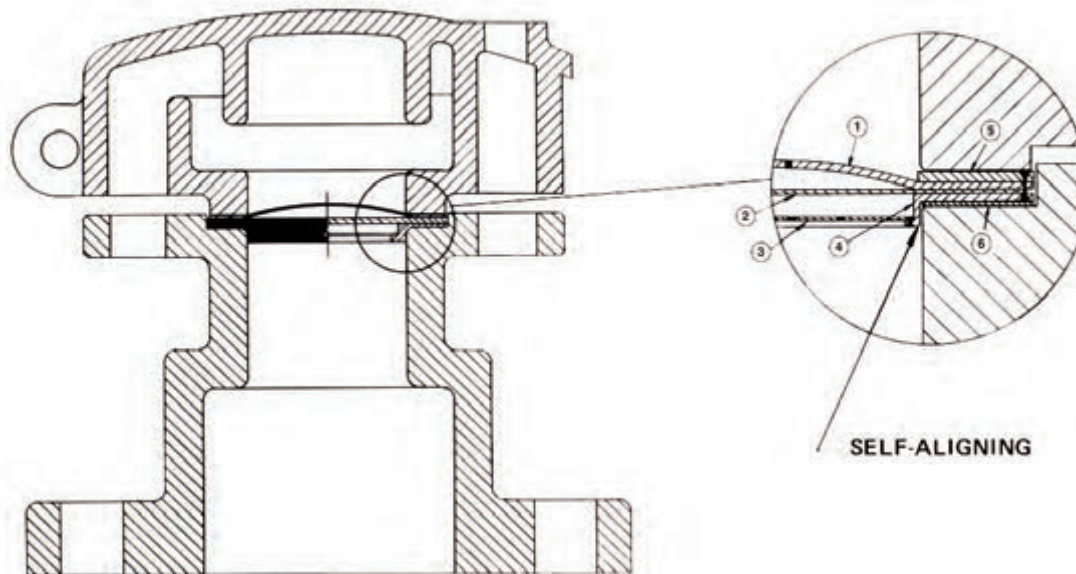


The Tanksert Rupture Disc was designed exclusively for railroad tank car overpressure protection, and to conform with ICC regulations. The Tanksert disc is a composite type, with flat seat sealing configuration. It is composed of an outlet ring for positive dimensional burst control and protection of the top section – a slotted metal top section which is the controlling burst member – plastic seal which isolates top from the tank media and prevents leakage – vacuum support which prevents seal from becoming damaged, should a pressure surge occur during transit or unloading. The vacuum support is also specially designed with an off-set section to assist in positive alignment during installation.

These discs are exceptionally accurate and fit standard threaded or bolted railroad tank car safety vents.

Standard pressure range (psig @ 72° F)	Maximum tank operation pressure (to assure maximum disc life) (psig)
25-30	20
40-45	32
55-60	44
70-75	56
95-100	76
155-165	124

See page 2 for installation in the safety vent and materials of construction for the Tanksert.



The Tanksert disc is a six (6) piece construction. The first five (5) pieces are permanently spot welded together.

1. Is the controlling member of the disc assembly, constructed of 316 S.S.
2. Is the fluoropolymer seal to prevent corrosion and leakage through the controlling member.
3. Is the vacuum support constructed of 316 S.S.
4. Is the self - aligning ring constructed of 316 S.S.
5. Is the outlet ring which gives the controlled diameter for accurate bursting, and is constructed of 316 S.S.
6. Is a fluoropolymer gasket for sealing between the safety vent and the Tanksert disc.

OTHER MATERIALS AND RATINGS ARE AVAILABLE - CONSULT THE FACTORY.

Continental Disc Corporation has representatives located throughout the world.  
Contact the C.D.C. office nearest you for the authorized representative in your area.

### CORPORATE HEADQUARTERS

Continental Disc Corporation  
3160 W. Heartland Drive  
Liberty, Missouri 64068-3385 USA

Phone: (816) 792-1500  
FAX: (816) 792-2277 / 5447  
E-mail: [pressure@contdisc.com](mailto:pressure@contdisc.com)  
Website: [www.contdisc.com](http://www.contdisc.com)

#### THE NETHERLANDS

Continental Disc Corporation  
Energieweg 20  
2382 NJ Zoeterwoude-Rijndijk  
The Netherlands

Phone: + (31) 71-5412221  
FAX: + (31) 71-5414361  
E-mail: [cdcnl@contdisc.com](mailto:cdcnl@contdisc.com)

#### CHINA

Continental Disc Corporation  
Room 910, Tower B, COFCO Plaza  
No. 8 JianGuoMenNei Avenue  
Beijing (100005), P.R. China

Phone: + (86) 10-6522-4885  
Fax: + (86) 10-6522-2885  
Mobile: + (86) 137-0103-8871  
E-mail: [cdcchina@contdisc.com](mailto:cdcchina@contdisc.com)

#### INDIA

Groth Continental Mfg. Pvt. Ltd.  
Survey No. 423/P, Mahagujarat Industrial  
Estate, Moraiya, Sarkhej-Bavlia Road,  
Ahmedabad 382213, INDIA

E-mail: [gcmpl@contdisc.com](mailto:gcmpl@contdisc.com)