



# Bursting Disks, Indicators & Accessories for Sterile Applications



Verfahrenstechnik

# Product Range

## Metal Bursting Disks for Sterile Applications

### Types SF-MV-S / SU-C-S / SU-R-S

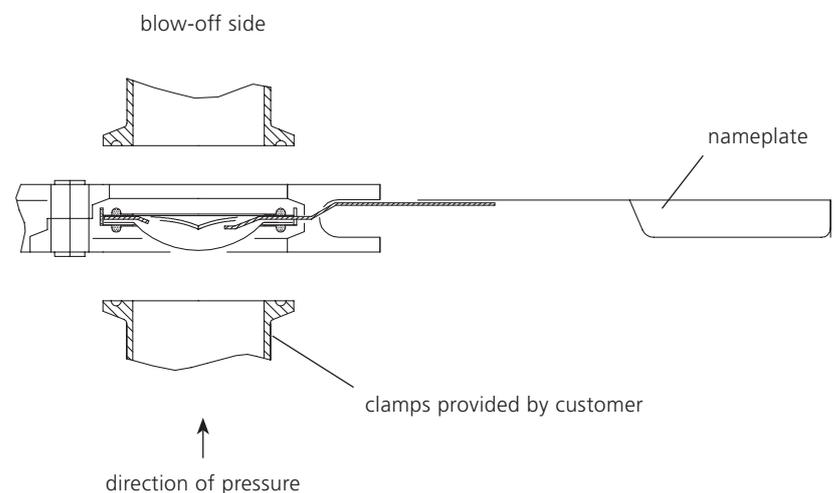


STRIKO sterile metal bursting disks are particularly characterised by their low dead spot design on the product side - this characteristic is in particularly high demand with customers from the pharmaceutical or food sectors. Sterile bursting disks are typically used in Tri-Clamp connections. All variants warrant non-fragmenting opening, a product property that is essential in these applications.



### Application advantages

- robust, low dead spot design
- non-fragmenting opening
- for securing gas, liquid or dual-phase streams
- use as a single pressure relief unit or in combination with a safety valve
- vacuum-proof design, depending on type, pressure and nominal width
- working ratio: up to 90%
- with 3D nameplate for maximum application safety
- ideal for securing media with a tendency to adhere
- seals: PTFE, EPDM, Garlock GYLON® Blue, Silicone (all FDA approved, further on request)
- integrated burst monitoring optionally available
- used in Tri-Clamps according to DIN, ISO and ASME



# Burst Indication for Sterile Applications

## Types SVT 02-S / SVT 05-S / SVT AM-S

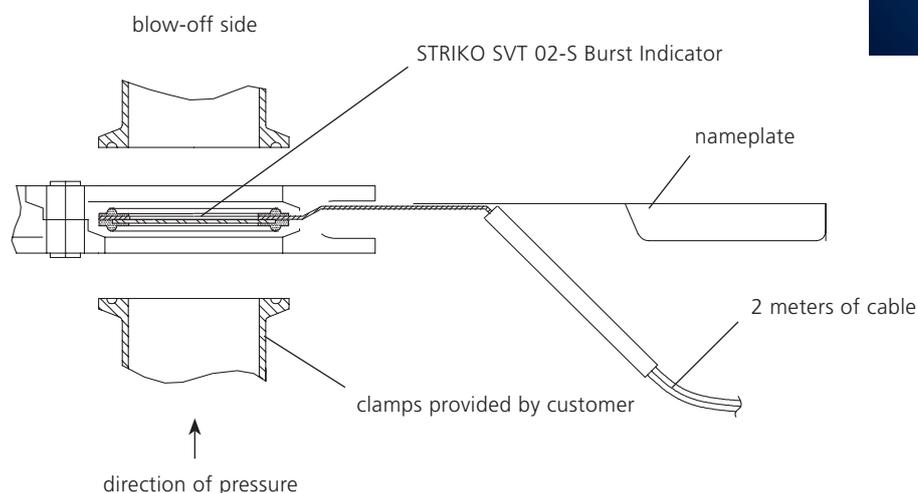
Burst Indicators and Leakage Sensors specifically designed for sterile applications can reliably detect the response or the slightest leakage of a bursting disk. Using a double clamp union, the Burst Indicator / Leakage Sensor is fitted behind the pressurising burst disk. The various applications require different types to be used.

- SVT 02-S** Standard Burst Indicator with PEEK membrane
- SVT 05-S** Leakage Sensor for the monitoring of bursting discs and safety valves for the slightest leaks
- SVT AM-S** Full metal Burst Indicator for use with high operating temperatures



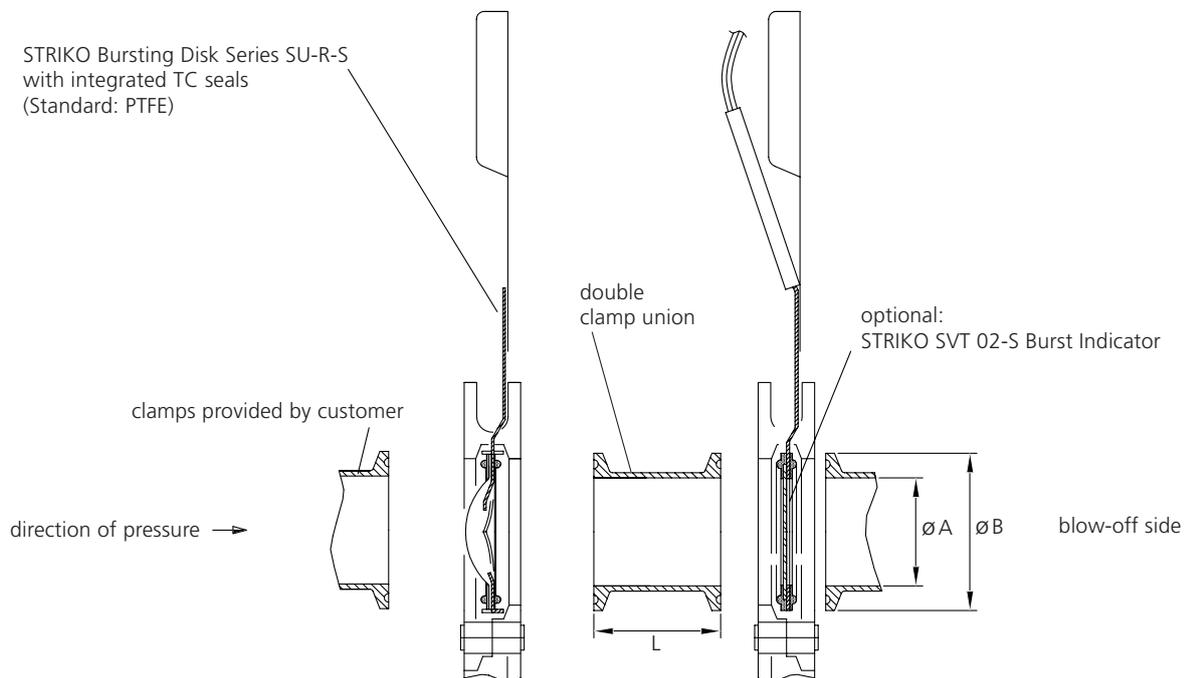
### Technical data

operating temperatures:	-30°C to +220°C (SVT AM-S to +260°C)
max. current strength:	50 mA
max. opening resistance:	20 Ohm
supply voltage:	variable, observe max. amperage (50 mA)



# Technical specification

Nominal Width			Dimensions [mm]					Bursting Pressure [bar(g)]	
DIN	ASME	ISO	ØA (DIN)	ØA (ASME)	ØA (ISO)	ØB	L	min.	max.
	1"			22,1		50,5	43,0	0,4	16,0
25		33,7	26,0		29,7			0,3	
40	1,5"		38,0	34,8				0,2	
50	2"		50,0	47,5				64,0	
65	3"	76,1	66,0	72,9	72,1	91,0	56,0	0,125	10,0
100	4"		100,0	97,4		119,0		0,075	
125	5,5"	139,7	125,0	134,5	134,5	155,0		0,05	6,0
150	6,6"	168,3	150,0	163,1	163,1	183,0		0,035	



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