



Cert. No. LRQ 0963008

ISO 9001

# spirax sarco

TI-P156-01  
ST Issue 2

## TD10 Thermodynamic Steam Trap

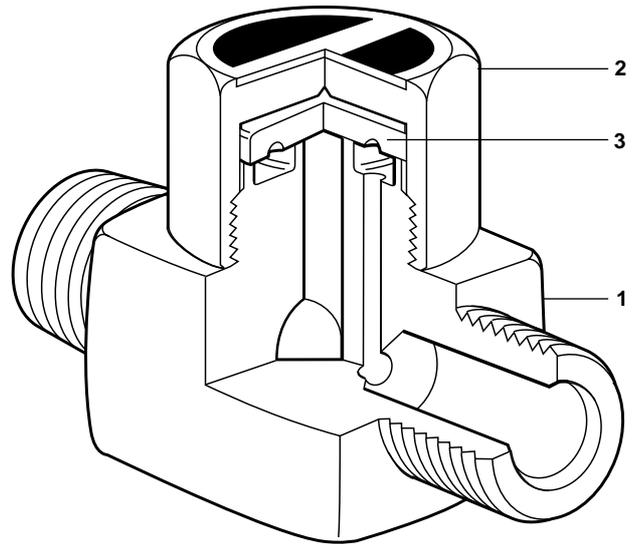
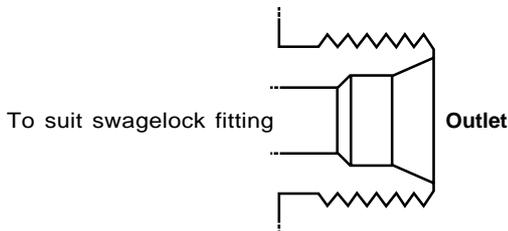
### Description

The TD10 is a miniature thermodynamic disc trap designed specifically for draining small steam users like steam irons and instrument tracers.

### Sizes and pipe connections

1/4" swagelock outlet / BSP inlet (union and ferrule not supplied).

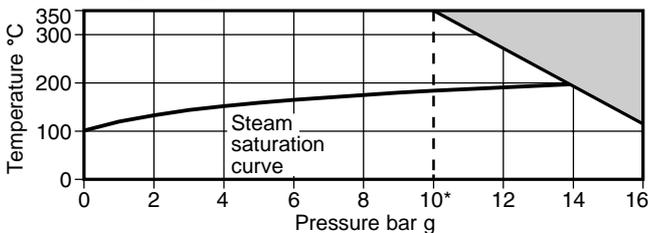
1/4" BSP taper male inlet / BSP outlet.



### Limiting conditions

Body design conditions	PN16
PMA - Maximum allowable pressure	16 bar g
TMA - Maximum allowable temperature	350°C
PMO - Maximum operating pressure	10 bar g
TMO - Maximum operating temperature	350°C
PMOB - Maximum operating back pressure must not exceed 50% of the upstream pressure.	
Designed for a maximum cold hydraulic test pressure of 24 bar g	

### Operating range



The product must not be used in this region.

\* PMO Maximum operating pressure recommended 10 bar g.  
PMOB Maximum operating back pressure 50% of upstream pressure.

### Materials

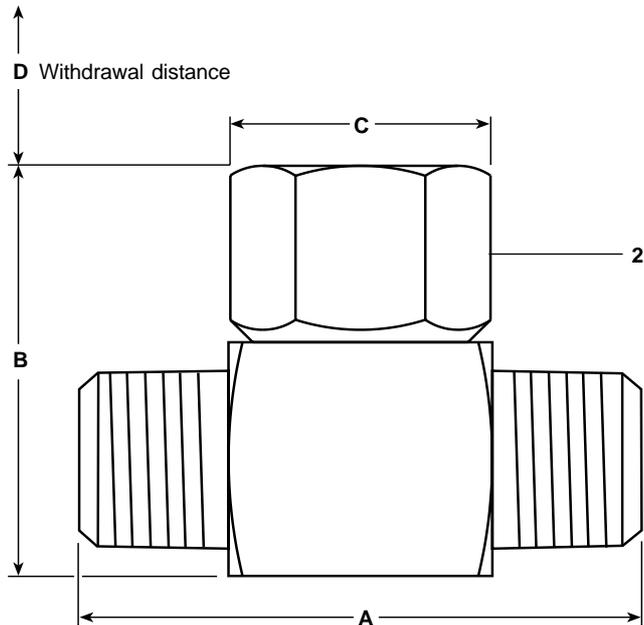
No.	Part	Material	
1	Body	Stainless steel	BS 970 420 S37
2	Cap	Stainless steel	AISI 416
3	Disc	Stainless steel	BS 1449 420 S45

### Certification

This product is available with certification to EN 10204 2.2.  
**Note:** All certification/inspection requirements must be stated at the time of order placement.

### Dimensions/weight (approximately) in mm and kg

Size	A	B	C	D	Weight
¼"	39.5	29.5	18.5	10	0.7



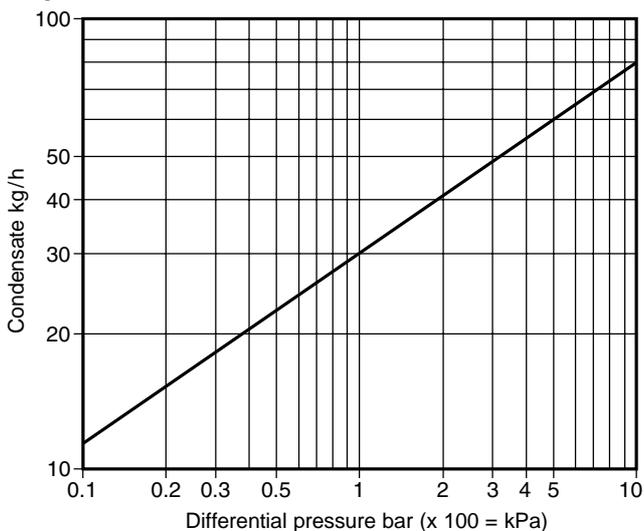
### Spare parts

There are no available spares for the TD10.

### Recommended tightening torques

Item	mm	N m
	or	
2	17 A/F	22 - 25

### Capacities



### Safety information, installation and maintenance

For full details see the Installation and Maintenance Instructions (IM-P068-31) supplied with the product.

The trap should preferably be installed in the horizontal plane, with a small drop leg proceeding it. Suitable isolation valves must be installed to allow for safe maintenance and trap replacement.

Where the trap discharges into a closed return system, a non-return valve should be fitted downstream to prevent return flow.

### Disposal

The product is recyclable. No ecological hazard is anticipated with the disposal of this product, providing due care is taken.

### How to order

**Example:** 1 off ¼" Spirax Sarco TD10 thermodynamic steam trap with swagelock outlet connection.