

Sanitary thermowells form a closed system that enables the withdrawal of the measuring sensor for instance for calibration or replacement during ongoing operation. The measuring sensor is protected within the dip tube and does not have any contact with the aggressive media.



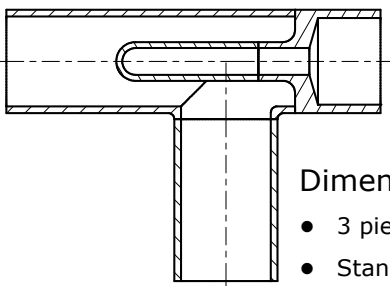
The heat transmission between the sleeve with an inside diameter of 6.6 mm and the thermocouple with an outside diameter of 6 mm - gap 0.3 mm - will be optimized by means of a special conductive paste.

Advantages

- Permanent process control
- Calibrate IP without line shut down
- All welds are controlled orbital welds

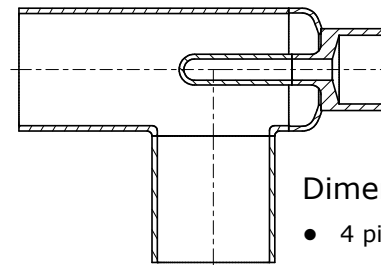
Services / Applications

- WFI
- Process water
- Steam
- Sensitive processes
- Highly corrosive media



Dimensions ≤ 1"

- 3 piece part
- Standard T-piece, machined part



Dimensions ≥ 1"

- 4 piece part
- Standard T-piece, dished end, machined part

Material

safetron

1.4435 BN2 / UNS S31603 (316L),
1.4404 / UNS S31603 (316L), 316L UNS S31603,
1.4539 / UNS N08904 (904L) on request
acc. to product specification

Material

weldtron

1.4435 BN2 / UNS S31603 (316L),
1.4404 / UNS S31603 (316L), 316L / UNS S31603
acc. to product specification

Dimensions

Imperial as standard, ISO and metric dimensions are available on request

Ends /Couplings

NPT/clamped end for probe and butt weld or clamped line ends

Surface finish

bright finish or anodic clean (Ra 0.4µm/16 µin);
electropolished (Ra 0,25 µm/10 µin) acc. to ASME BPE in SF1 or SF4 (surface roughness of the cold worked area is not defined)

Immersion Depth

Dip pockets are available in different lengths to suit the IP probe length

Marking

Needle marking

Information: Dockweiler, Dockweiler number, dimensions, material, heat numbers