

**Application area**

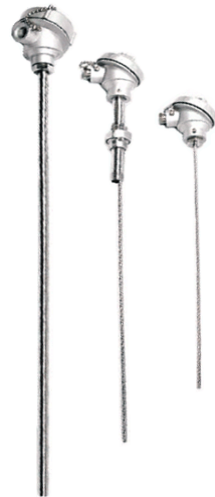
■ Metal head mounted RTD thermometers are suitable for measuring temperature up to approx. 400°C. This types are easily replaceable and can be inserted or screwed into holes in machine parts without or with thermowells.

It is very useful where the distance between measuring parts and the location of its head is too far.

Due to customer requirement, all kinds of connectors or flanges can be offered by DAHO.

**Application industry**

- Engine cylinder heads
- Pipelines and tanks
- injection moulding machines

**General specification****Element / Sensor**

Pt100 Ω

**Accuracy**

"B" class ( $\pm 0.3$  °C)

**Type**

TER201 Protecting tube type

TER202 Sheath type

**Element wire type**

Single / Double

**Tube / Sheath diameters**

TER201 6.4, 8.0, 10.0, 12.0, 15.0, 17.3, 21.7, 27.2 mm

TER202 3.2, 4.8, 6.4, 8.0 mm

- Double element is not available for 6.4 mm tube diameter in protecting tube type.

**Material**

Tube (TER201): SUS304 / SUS316

Sheath (TER202): SUS316

**Head material**

Aluminum Diecast

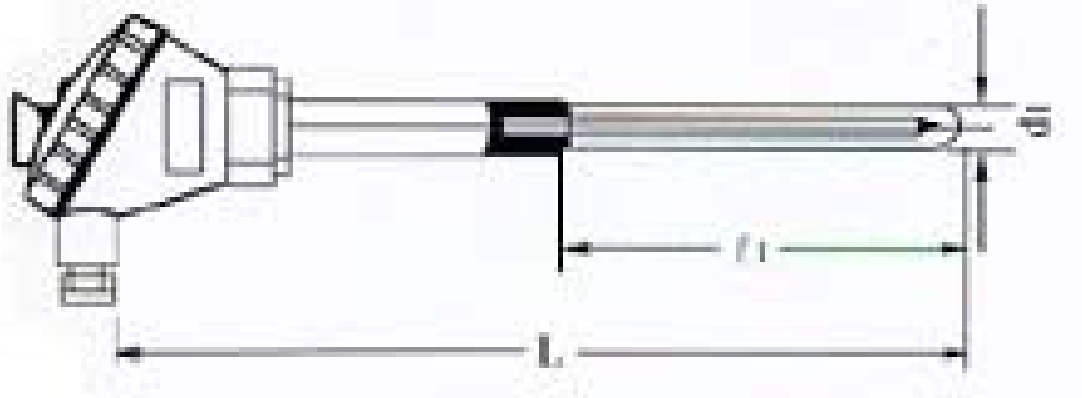
**Insert length**

100mm to 4000mm

**Optional extras**

- Connection thread: PF1/2, PT1/2, or others on request
- Accuracy "A" class ( $\pm 0.15$  °C)
- Head: Stainless steel

**Drawing**



**Order Details**

Metal Housing RTD	TER2		
Element wire type	Protecting tube type	01	
	Sheath type	02	
Element type	Pt100	R	
Element wire type	Single element	S	
	Double element	D	
Sheath or tube material	SUS 304	1	
	SUS 316	2	
Process connection	without screwing	C0	
	PT1/4"	R4	
	PT1/2"	R2	
	PF 1/4"	G4	
	PF 1/2"	G2	
	Specific connection	00	
out dia.	3.2	D4	
	4.8	D5	
	6.4	D6	
	8.0	D7	
	10.0	D9	
	12.0	D10	
	15.0	D11	
	17.3	D12	
	21.7	D13	
	27.2	D14	
Stem length	standard immersion length to be specified, e.g. l1 200mm: order code 200		0000

\*\* Please give additional specification for models not listed.