

# Bimetal Thermometers

## Domestic and Industrial Heating

### Thermometers

### Model 45

#### Service intended

Heating and plumbing

#### Nominal size

63, 80 and 100 mm

#### Temperature element

Coiled bimetal

#### Bulb

Stem with detaching thermowell (friction retained)

#### Working range

Maximum scale value

#### Pressure rating of thermowell

6 bar maximum



#### Standard features

##### Location of stem

Centre back

##### Case material

Aluminium

##### Connection

Thermowell G ½ A

##### Thermowell

Length  $l_1$  = 40, 60 and 100 mm

Material Cu-alloy

##### Dial

White aluminium with black lettering

##### Pointer

Black aluminium

##### Window

Acrylic plastic

##### Zero adjustment

At bottom of stem

#### Optional extras

- Other scale ranges
- Scale other than °C
- Thread other than G ½ A

#### Special versions

##### Clip-on thermometer with fin and strap

63 and 80 mm

##### For sub-floor heater manifold

40 and 50 mm

#### Scale ranges

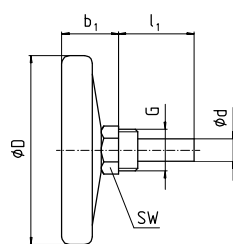
Scale range °C	Scale spacing °C
0 ... 60	1
0 ... 120	2

#### Models

Model	Nominal size	Location of stem / Connection
A 4500	63	Centre back
A 4501	80	
A 4502	100	
A 4550	63	Clip-on fin with strap
A 4551	80	

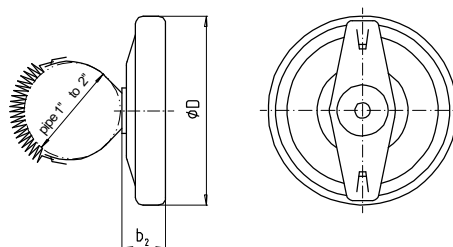
## Dimensions

Location of stem: centre back



3072 932

Clip-on thermometer with fin and strap



3072 940

Nominal size	Dimensions in mm							Weight in kg	
	b <sub>1</sub>	b <sub>2</sub>	Ø d	Ø D	G	l <sub>1</sub>	SW	centre back	clip-on
63	23	21	12 <sup>1)</sup>	63	G ½ A	40	21	0.065	0.040
80	25	22		80		60		0.080	0.060
100	30	-		100		100		0.105	-

1) Ø d = 11 mm with thermowell length l<sub>1</sub> ≥ 100 mm

## Ordering information

State: Model / Nominal size / Scale range / Size of connection / Length of stem l<sub>1</sub> / Optional extras required

Specifications and dimensions given in this leaflet are correct at the time of printing.  
Modifications may take place and materials specified may be replaced by others without prior notice.



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