

Bimetal Thermometers TB-FIX Ø 80 - 100

Application	For temperature measurements of liquids and gases in pipes with max. Ø 2 inches which are insulated
Temperature range	-20 ... 160°C
Accuracy	According DIN 16203 Cl. 1 (see mounting instructions)
Dial	white, graduations black DIN 16109, 16128. For graduation marking and layout, see T0.305
Pointer	Aluminium alloy black, resembl. DIN 16099
Zero adjustment	At the back of the case
Window	Normal glass
Protection	IP 50 DIN 40050
Accessories	Base and hose clamp



Selection chart

System design	Standard	TBHA xxx / xxx.xxx
Nominal size		
NS 80		80
NS 100		100
Case and ring		
Stainless steel 1.4301, brush finished		2
Structural shape		
Direct mounting		1
Immersion tube outlet		
Center back		2
Indicator		
Standard		1
Immersion tube / diameter / material		
8 mm, stainless steel 1.4571 (standard)		6
Immersion tube / installed length I_r		
55 mm (fit to s = 30– 50 mm)		1
75 mm (fit to s = 50– 70 mm)		2
95 mm (fit to s = 70– 90 mm)		3
115 mm (fit to s = 90–110 mm)		4

See page 2 for accessories

Range

Order number	Range °C
52 T*	-20 ... 40
11 T	0 ... 60
27 T	0 ... 80
12 T	0 ... 100
20 T	0 ... 120
13 T*	0 ... 160

* on request

**BOURDON
HAENNI**

made to measure



Selection Chart for Installation accessories

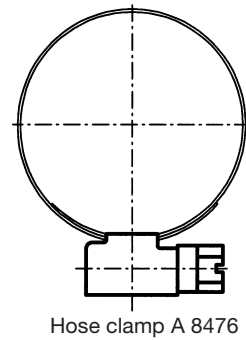
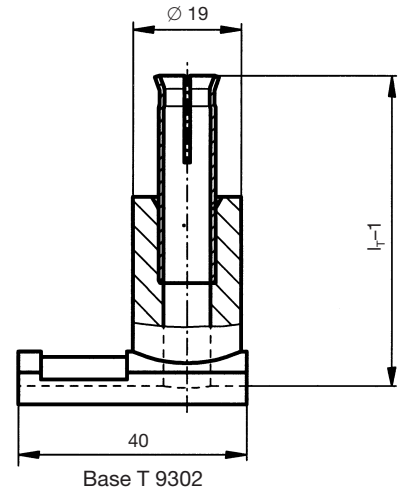
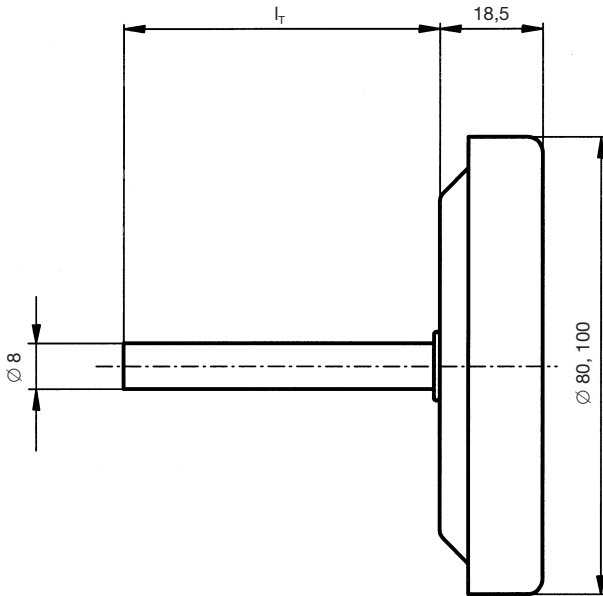
Base for insulating material thickness s:

30– 50 mm	Order number	T 9302.0000
50– 70 mm	Order number	T 9302.0001
70– 90 mm	Order number	T 9302.0002
90–110 mm	Order number	T 9302.0003

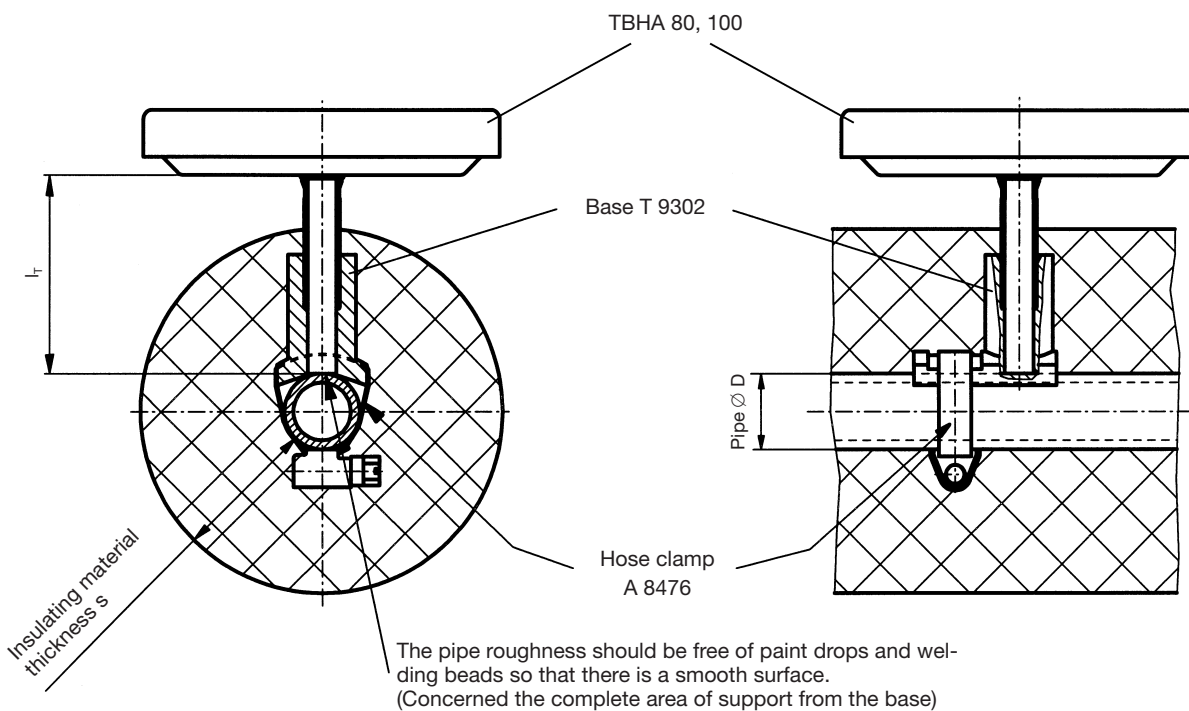
Hose clamp for pipe diameter D: DIN 3017

27–42 mm (¾–1¼ inches)	Order number	A 8476.0000
42–60 mm (1¼–2 inches)	Order number	A 8476.0001

Dimensions



Mounting instructions



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