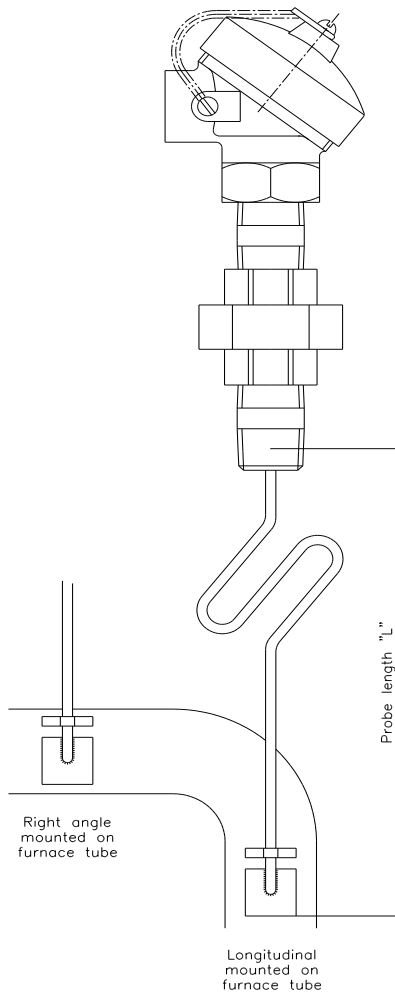


# TUBE SKIN THERMOCOUPLES

with connection head assembly



## Specifications:

Series	:TUS-10.000
<b>CONNECTION HEAD</b>	
Type	:weatherproof connection head with screw on cover
Material	:cast-iron, zinc-plated
Conduit entry	:3/4" NPT standard; if 1/2" NPT, M 20 or PG 16 is required, please specify
Cover	:internally threaded with gasket and SS retaining chain
Terminal block	:fixed ceramic block with clamp type terminals
<b>EXTENSION</b>	
Type	:nipple-union-nipple with SS compression fitting inside the union
Nipples	:galvanized carbon steel 1" sched. 40
Union	:galvanized malleable iron 150 lbs
Extension length	:approx. 210 mm
Process connection	:1" NPT male thread; if other size required, please specify
<b>THERMOCOUPLE</b>	
Probe type	:mineral insulated (MgO)
Thermocouple type	:Chromel-alumel, type K
Standard limits of error	:ANSI MC 96.1 / IEC 584
Sheath material	:SS 310, SS446 or Hastelloy X
Outside diameter	:4,8 mm (3/16") or others
Hot junction	:insulated
Probe length 'L' incl. expansion loop	:to be specified; replace box 'L' in ordering code
Weld pad dimensions	:25 x 25 x 3,2 mm
Mounting method	:longitudinal or right angle mounted on furnace tube
Furnace tube o.d.	:to be specified; replace box 'D' in ordering code (minimum 50 mm)
Weld pad material	:same as sheath material
Weld clamps	:one clamp will be supplied with each assembly, material same as sheath material; extra clamps to be ordered separately; see below

## Ordering code:

Sheath material	Longitudinal mounted		Right angle mounted		Weld clamps
	'L'	'D'	'L'	'D'	
SS 310	TUS-10484-K	-□ mm -□ mm	TUS-11484-K	-□ mm -□ mm	TUS-90484-K
Hastelloy X	TUS-10487-K	-□ mm -□ mm	TUS-11487-K	-□ mm -□ mm	TUS-90487-K

□ = probe length 'L' and furnace tube o.d. 'D' in mm (to be specified)