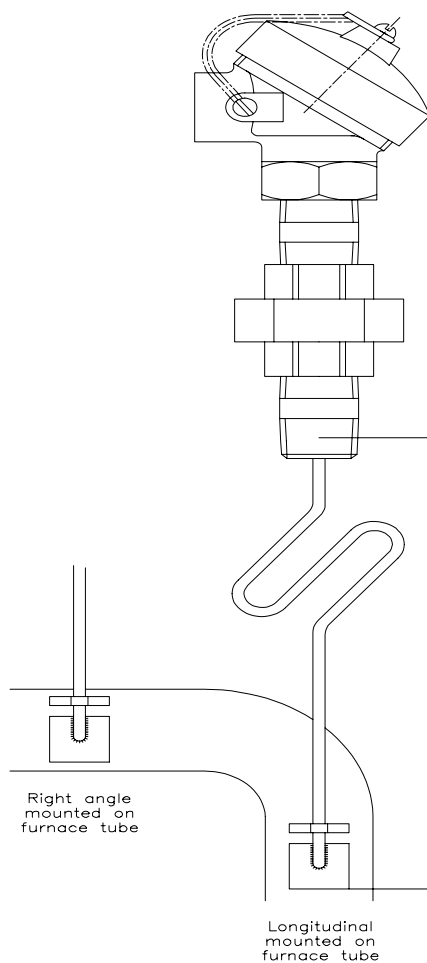


# TUBE SKIN THERMOCOUPLES

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 or Hastelloy X
Outside diameter	:	4,8 mm (3/16")
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)



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