

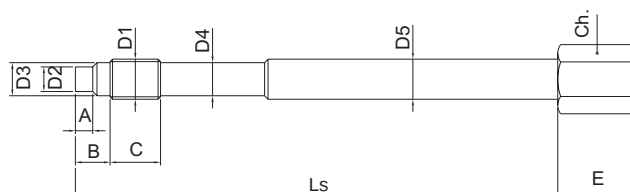


Main characteristics

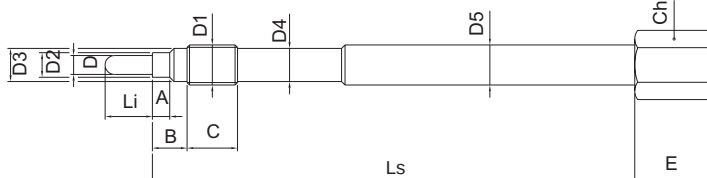
- Max. temperature limit: - 40 ... + 400° C
- Reference tolerances: Standards IEC 584.2 class 2:
for type J, K: $\pm 2,5^{\circ} \text{C}$ (- 40 ... + 333° C)
 $\pm 0.0075 [t]$ ($t > + 333^{\circ} \text{C}$)
- Thermoelement with compact isolation and continuous metal sheathing (MgO isolation)
- Cable to DIN standard

MODELS

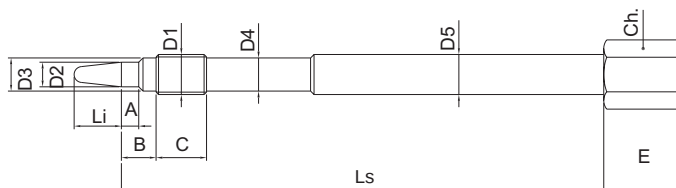
TCMCP



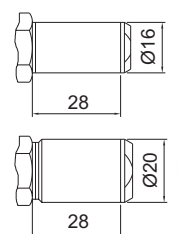
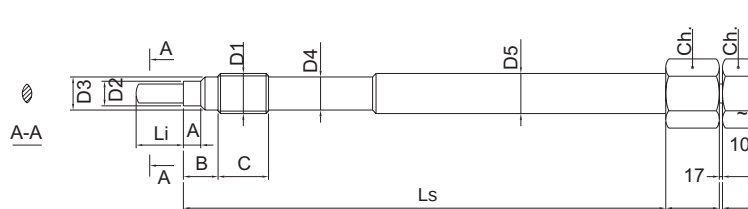
TCMCC



TCMCE



TCMGF



D1	D2	D3	D	D4	D5	A	B	C	Ls	Ch	E	Li
1/2-20UNF	ø 7,8	ø 10,5	ø 6	ø 10,5	ø 12,7	5,5	11	16	90-153	17-19	17-25	Immersion length
M18x1,5	ø 10	ø 16	ø 7	ø 16	ø 17,8	6	14	20	90-153	19	17-25	Immersion length

ORDER CODE

CODE

Model	
Flat tip	CP
Round tip	CC
Tapered tip	CE
Adjustable elliptical tip	GF

Element + heat junction	
Isolated single	1
Grounded single	2
Isolated double	3
Grounded double	4

Element type	
Fe - Cu/Ni	J
Ni/Cr - Ni/Al	K

Cable (to DIN std) (*)	
TTS	5
TES	6

(*) To be specified only in case of: "Cold extension type" A, B, C.
0 : for the other types of "Cold extension"

Rod material	
AISI 304	A *
AISI 316 Ti	D **
Hastelloy C4	H **
AISI 316 Ti TiN	T **

(*) Available only with: Hexagon CH 17, Threading 1/2-20UNF
(**) Available only with: Hexagon CH 19, Threading 1/2-20UNF and M 18x1.5

Rod length (Ls)	
153 mm	0
90 mm	1

Mount threading	
M 18 x 1.5	S
1/2-20 UNF	T

Cool extension type	
Cable with free ends	A
Cable + standard male connector	B
Cable + standard male + female connector	C
Cable + stainless steel sheathing with free ends	D
Cable + stainless steel sheathing + standard male connector	E
Cable + stainless steel sheathing + standard male + female connect.	F
Stainless steel pipe ø 6 + standard male connector	G
Stainless steel pipe ø 6 + standard male + female connector	H
LEMO1S connector	I *
LEMO2S connector	L *
LEMO1S connector + female	M *
LEMO2S connector + female	N *

Certificates

A	Certificate of conformity
R	Calibration Report
T	SIT Certified

LENGTHS AND ACCESSORIES

Li = Immersion length (mm)
 * Standard lengths:
 5 - 10 - 15 - 20 - 25mm

(*) To be specified only for type CC-CE-CF

Lt = Stainless steel pipe length ø6 (Lt) *
 Standard length from 10 to 100mm with 10mm pitch

(*) To be specified for type G and H cold extensions

Lc = Cable length (dm)
 Standard length from 10 to 100dm with 10dm pitch

COOL EXTENSION OUTPUTS

GEFRAN spa reserves the right to make aesthetic or functional changes at any time and without notice.

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DTS TCM 0607 ENG