

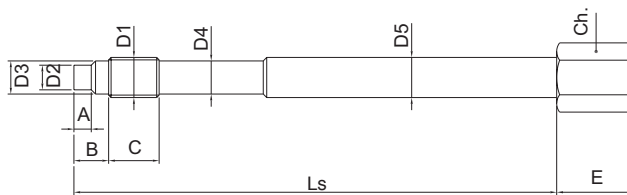


### Main characteristics

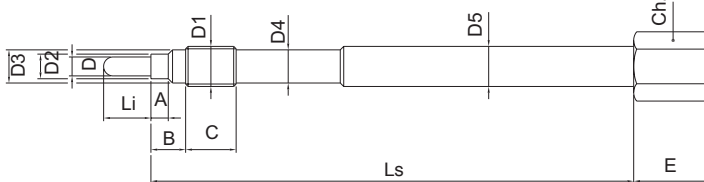
- Max. temperature limit: - 40 ... + 400° C
- Reference tolerances: Standards IEC 584.2 class 2:  
for type J, K:  $\pm 2,5^{\circ} C$  (- 40 ... + 333° C)  
 $\pm 0.0075 [t]$  ( $t > + 333^{\circ} C$ )
- Thermoelement with compact isolation and continuous metal sheathing (MgO isolation)
- Cable to DIN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

### MODELS

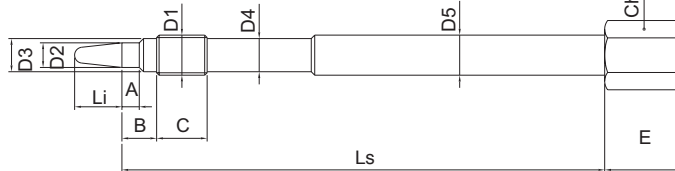
#### TCMCP



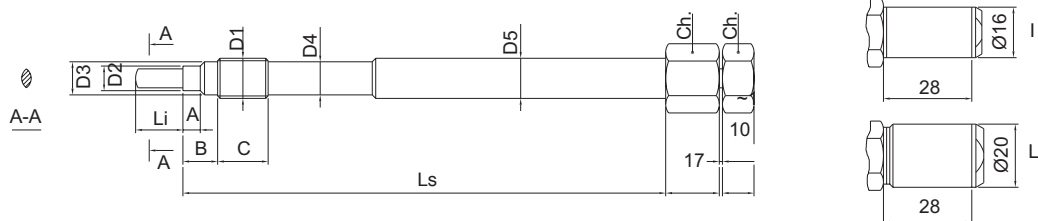
#### TCMCC



#### 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

T C M [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] X [ ] [ ] [ ] [ ] [ ] X [ ] [ ] [ ] [ ] [ ] X [ ]

CODE

<b>Model</b>	
Flat tip	CP
Round tip	CC
Tapered tip	CE
Adjustable elliptical tip	GF

<b>Element + heat junction</b>	
Isolated single	1
Grounded single	2
Isolated double	3
Grounded double	4

<b>Element type</b>	
Fe - Cu/Ni	J
Ni/Cr - Ni/Al	K

<b>Cable (to DIN std) (*)</b>	
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"

<b>Rod material</b>	
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

<b>Rod length (Ls)</b>	
153 mm	0
90 mm	1

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

<b>Cool extension type</b>	
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 + std male connector	G
Stainless steel pipe ø 6 + std male + female connector	H
LEMO1S Conn.	I *
LEMO2S Conn.	L *
LEMO1S Conn. + female	M *
LEMO2S Conn. + female	N *

(\*) Available only with: Hexagon CH 19, height E = 25mm (mod. CC, CP, CE) see drawing for mod. GF

<b>Certificates</b>	
A	Certificate of conformity

### LENGTHS AND ACCESSORIES

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

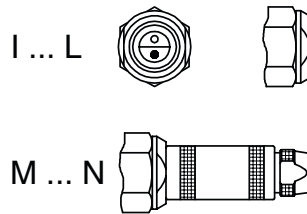
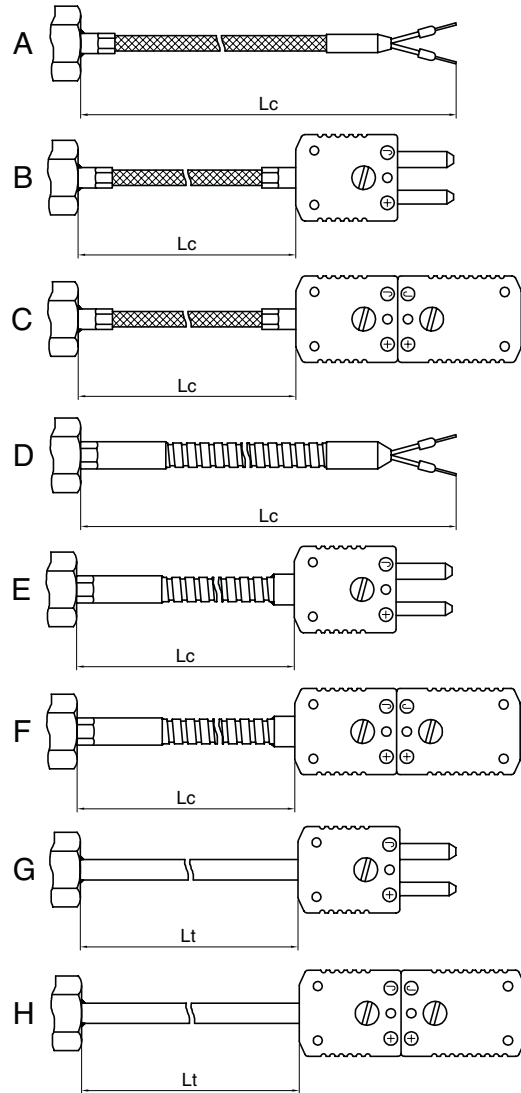
(\*) To be specified only for type CC - CE - GF

<b>Lt = Stainless steel pipe length ø6 (mm)*</b>	
Std length from 10 to 100mm with 10mm pitch	

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

<b>Lc = Cable length (dm)</b>	
Std 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.