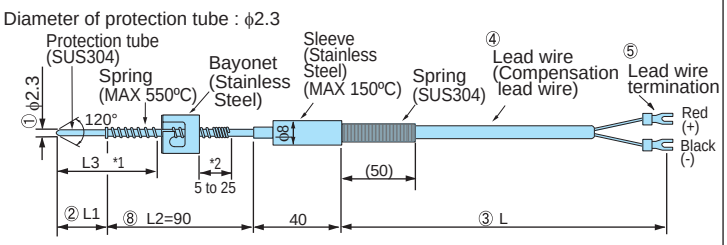
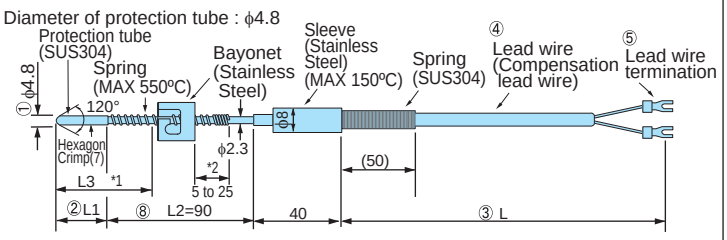
Bayonet Type Sheathed Thermocouples : T-202SH/T-212SH (For High Temperature)



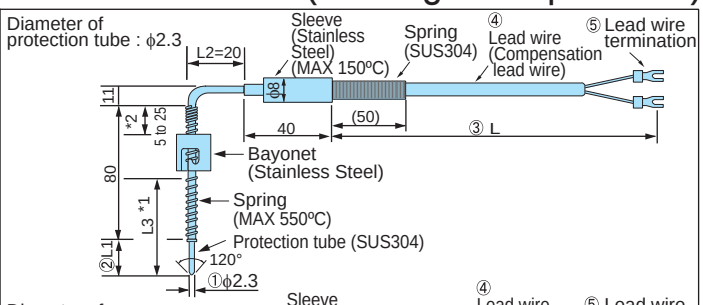


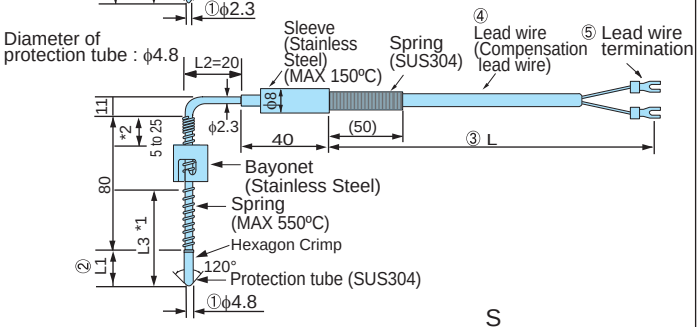
T - 202SH - ϕd - L1 - L - □□□ - □ - □□ - □ - S L2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Diameter of protection tube
② Length of protection tube
③ Lead wire length
④ Lead protection
⑤ Lead wire termination
⑥ Thermocouple type
⑦ Sensing junction
⑧ S : 90mm
L2 : More than 90mm (Specify length by "mm")

Example :T-202SH-4.8-25-EXA-Y3-K2-G-S





T - 212SH - ϕd - L1 - L - □□□ - □ - □□ - □ - S L2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Diameter of protection tube
② Length of protection tube
③ Lead wire length
④ Lead protection
⑤ Lead wire termination
⑥ Thermocouple type
⑦ Sensing junction
⑧ S : 25mm
L2 : More than 25mm (Specify length by "mm")

Example :T-212SH-4.8-25-EXA-Y3-K2-G-30

①	Diameter of protection tube	ϕ2.3, ϕ4.8
②	Length of protection tube	Specify length by "mm" (25mm to 500mm)
③	Lead wire length	Specify length by "mm" (1000mm to 8000mm)

④ Lead protection

Code	Details	Operating temperature
EXA	Fiberglass with stainless steel	0 to 150ºC
EXB	Fiberglass	0 to 150ºC

⑤ Lead wire termination

Code	Details	Code	Details
Y3	Spade lugs for JIS standard "M3" size screw	TS1	Thermocouple connector (CSP01+CLP-A)
R3	Ring lugs for JIS standard "M3" size screw	TS2	Thermocouple connector (CSP01)
MS1	Metal connector (SCK-1602-P)	TS3	Thermocouple connector (CSP01+CLP-A+CSP03)
MN1	Metal connector (NCS-162-P-CH)	TM1	Thermocouple connector (CMP01+CLP-B)
MN2	Metal connector (NCS-162-AdF-CH)	TM2	Thermocouple connector (CMP01)
MN3	Metal connector (NCS-162-PM-CH)	TM3	Thermocouple connector (CMP01+CLP-B+CMP03)
		N	No terminal lugs *terminal soldered

⑥ Thermocouple type

Code	Details
K1	Type K (Chromel-Alumel) Class 1
K2	Type K (Chromel-Alumel) Class 2

⑦ Measuring junction

Code	Details
G	Grounded
NG	Ungrounded

⑧ Length of L2

T-202SH

Code	Details
S	90mm
91 to □□□	More than 90mm (Specify length by "mm")

• L2 should be within L1+L2=500mm. (Maximum)

T-212SH

Code	Details
S	25mm
26 to □□□	More than 26mm (Specify length by "mm")

• L2 should be within L1+L2+80=500mm. (Maximum)

⚠ If temperature of the sleeve may exceed 150ºC, make the L2 longer and insulate the sleeve.

Specifications

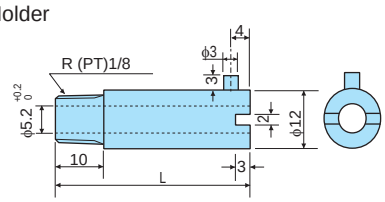
Class : class 2 * Class 1 is available (Please specify when you order)
Element : Single element
Operating temperature for regular use : 550ºC

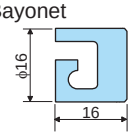
Reference

*1:
L3= holder length (excluding screw) + mounting hole length.
More than 60 mm is recommended.

*2:
Bayonet cap should be fit to the holder in the range of 5 to 25 mm.
6~8mm is recommended as the amount of spring compression.
(The gap between the pin holder and the bayonet should be 0 to 2 mm for setting.)

Holder



Screw:R(PT)1/8
L=32,40,62
(Specify by ordering)
• Other screw type is available

Bayonet