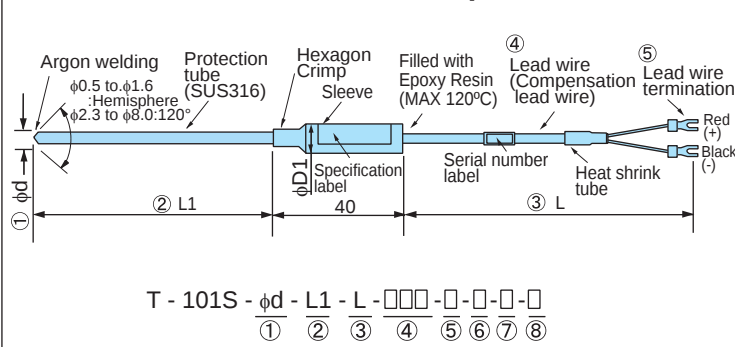
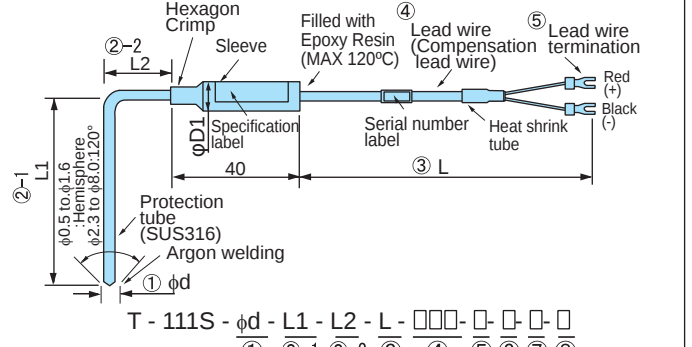


Sheathed Thermocouples : T-101S/T-111S



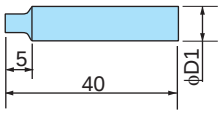
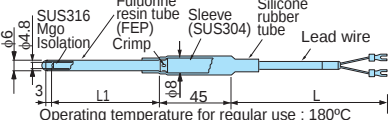
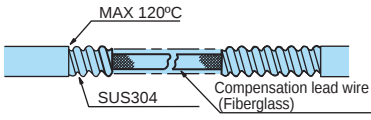
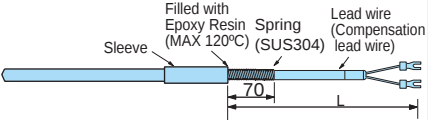
- ① Diameter of protection tube
- ② Length of protection tube
- ③ Lead wire length
- ④ Lead protection
- ⑤ Lead wire termination
- ⑥ Thermocouple type
- ⑦ Sensing junction
- ⑧ Mounting bracket

Example : T-101S-4.8-100-2000-EXA-Y-K-G-N



- ① Diameter of protection tube
- ②-1, 2 Length of protection tube
- ③ Lead wire length
- ④ Lead protection
- ⑤ Lead wire termination
- ⑥ Thermocouple type
- ⑦ Sensing junction
- ⑧ Mounting bracket

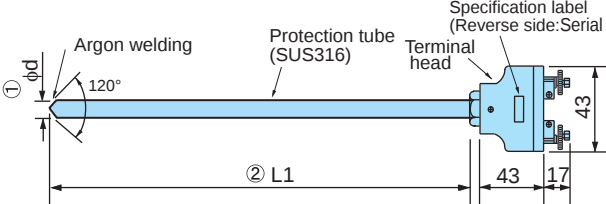
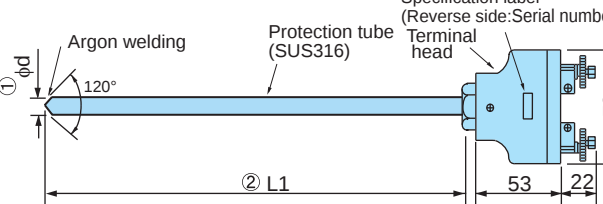
Example : T-111S-4.8-100-30-2000-EXA-Y-K-G-N

①	Diameter of protection tube	φ0.5 (Only for K,T type), φ1.0, φ1.6, φ2.3, φ3.2, φ4.8, φ6.4, φ8.0																																																	
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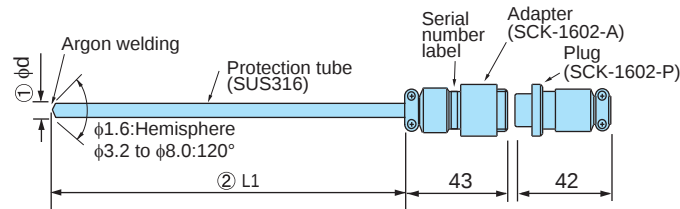
No lead wire T - 30S - ϕd - L1 - $\square$ - $\square$ - $\square$ ① ② ⑥ ⑦ ⑧ With lead wire T - 30S - ϕd - L1 - L - $\square\square\square$ - $\square$ - $\square$ - $\square$ - $\square$ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ① Diameter of protection tube ⑤ Lead wire termination ② Length of protection tube ⑥ Thermocouple type ③ Lead wire length ⑦ Sensing junction ④ Lead protection ⑧ Mounting bracket Example :T-30S-4.8-100-K-G-N (No lead wire) :T-30S-4.8-100-2000-EXA-Y-K-G-N (With lead wire)		No lead wire T - 35S - ϕd - L1 - $\square$ - $\square$ - $\square$ ① ② ⑥ ⑦ ⑧ With lead wire T - 35S - ϕd - L1 - L - $\square\square\square$ - $\square$ - $\square$ - $\square$ - $\square$ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ① Diameter of protection tube ⑤ Lead wire termination ② Length of protection tube ⑥ Thermocouple type ③ Lead wire length ⑦ Sensing junction ④ Lead protection ⑧ Mounting bracket Example :T-35S-4.8-100-K-G-N (No lead wire) :T-35S-4.8-100-2000-EXA-Y-K-G-N (With lead wire)																											
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	T - 70S - ϕd - L1 - □ - □ - □ ① Diameter of protection tube ④ Sensing junction ② Length of protection tube ⑤ Mounting bracket ③ Thermocouple type Example : T-70S-1.6-100-K2-G-N		T - 75S - ϕd - L1 - □ - □ - □ ① Diameter of protection tube ④ Sensing junction ② Length of protection tube ⑤ Mounting bracket ③ Thermocouple type Example : T-75S-3.2-100-K1-G-N																		
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④ Measuring junction	K2	Type K (Chromel-Alumel) class 2	J2	Type J (Iron-Constantan) class 2																	
	T1	Type T (Copper-Constantan) class 1	T2	Type T (Copper-Constantan) class 2																	
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Sheathed Thermocouples : T-80S/T-85S

 Argon welding Protection tube (SUS316) Terminal head Specification label (Reverse side: Serial number label) ① ϕd ② L1 ③ 43 ④ 17 ⑤ 43 ⑥ 17 No lead wire T - 80S - ϕd - L1 - □-□-□ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ With lead wire T - 80S - ϕd - L1 - L - □□□-□-□-□ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ① Diameter of protection tube ⑤ Lead wire termination ② Length of protection tube ⑥ Thermocouple type ③ Lead wire length ⑦ Sensing junction ④ Lead protection ⑧ Mounting bracket Example :T-80S-4.8-100-K-G-N (No lead wire) :T-80S-4.8-100-2000-EXA-Y-K-G-N (With lead wire)		 Argon welding Protection tube (SUS316) Terminal head Specification label (Reverse side: Serial number label) ① ϕd ② L1 ③ 53 ④ 22 ⑤ 53 ⑥ 22 No lead wire T - 85S - ϕd - L1 - □-□-□ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ With lead wire T - 85S - ϕd - L1 - L - □□□-□-□-□ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ① Diameter of protection tube ⑤ Lead wire termination ② Length of protection tube ⑥ Thermocouple type ③ Lead wire length ⑦ Sensing junction ④ Lead protection ⑧ Mounting bracket Example :T-85S-4.8-100-K-G-N (No lead wire) :T-85S-4.8-100-2000-EXA-Y-K-G-N (With lead wire)																																									
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Sheathed Thermocouples : T-90S



No lead wire

T - 90S - ϕd - L1 - $\square$ - $\square$ - $\square$
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

With lead wire

T - 90S - ϕd - L1 - L - $\square$ - $\square$ - $\square$ - $\square$ - $\square$ - $\square$
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Diameter of protection tube ⑤ Lead wire termination
 ② Length of protection tube ⑥ Thermocouple type
 ③ Lead wire length ⑦ Sensing junction
 ④ Lead protection ⑧ Mounting bracket

Example : T-90S-4.8-100-K-G-N (No lead wire)

: T-90S-4.8-100-2000-EXA-Y-K-G-N (With lead wire)

①	Diameter of protection tube	φ1.6, φ3.2, φ4.8, φ6.4, φ8.0														
②	Length of protection tube	Specify length by “mm” (100mm to 10,000mm)														
③	Lead wire length	Specify length by “mm” (100mm or more)														
④	Lead protection	No need to specify in case of without lead wire	Code	Details	Operating temperature	Code	Details	Operating temperature								
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Reference	Connector															
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		SCK-1602-□	SCK-1604-□													
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For connector for T-90S, Connector manufactured by Sanwa Connector Laboratory Co., Ltd. is used as standard. Nanaboshi Electric Mfg brand is also available (Please specify when you order). Please specify in case of no need of the plug.																