CARTRIDGE HEATERS
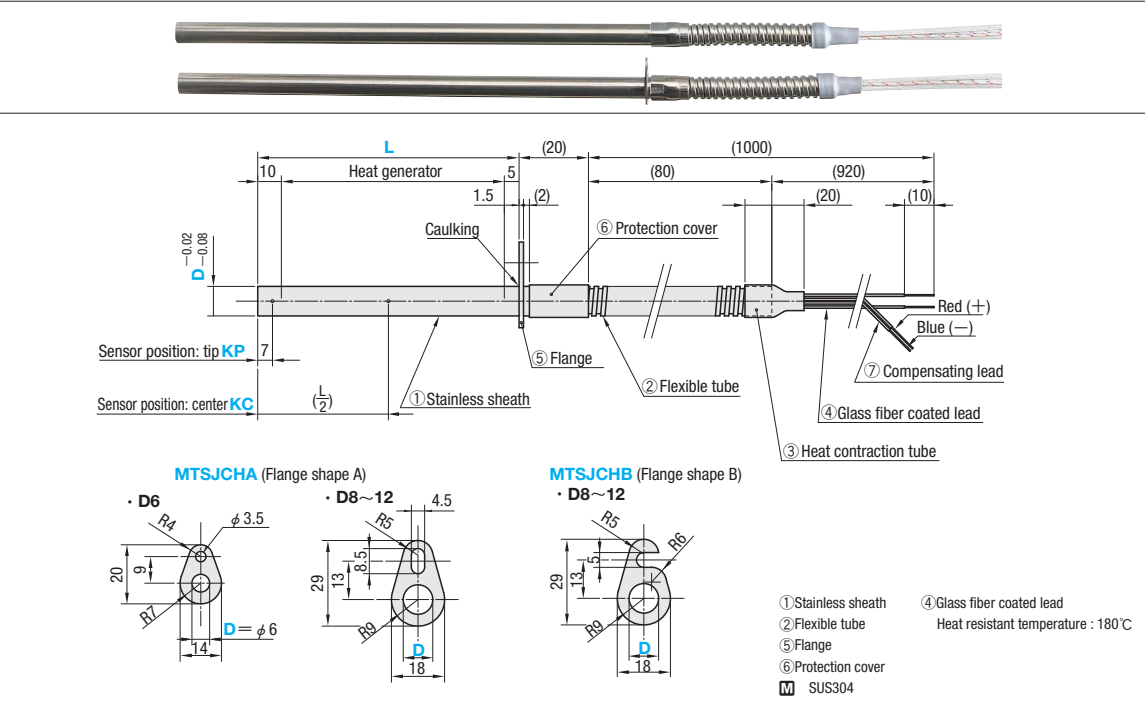—L DIMENSION・WATTAGE・FLANGE SELECTION SENSOR ATTACHED TYPE—

■**Features** : A cartridge heater and a temperature sensor (K type) are integrated in these products.
Ideally suited for limited space because there is no need to mount a heater and a temperature sensor separately.
In addition, temperature control of the heater itself by the sensor prevents shorts and ignition due to abnormal heating.

L
(20) (1000)
10 Heat generator 5 (80) (920)
1.5 (2) (20) (10)

$D\;{-0.02 \atop -0.08}$

Caulking
⑥Protection cover
Red (＋)
Blue (－)
Sensor position: tip **KP** 7
⑤Flange
⑦Compensating lead
②Flexible tube
Sensor position: center **KC** $\left(\frac{L}{2}\right)$
①Stainless sheath
④Glass fiber coated lead
③Heat contraction tube

MTSJCHA (Flange shape A)
・D6
・D8〜12 4.5
MTSJCHB (Flange shape B)
・D8〜12

①Stainless sheath ④Glass fiber coated lead
②Flexible tube Heat resistant temperature : 180℃
⑤Flange
⑥Protection cover
Ⓜ SUS304

W density (W/cm²)	Part Number		L 1mm increments	V (Voltage) Selection	W (Wattage) 10W increments	Sensor position (K type) selection
	Type	D				
2≦W/cm²≦15 W/cm²＝W/{D×(L−15)×3.14/100}	**MTSJCHN** (No flange)	*6	50〜200	200 220	50〜 520	**KP** : tip **KC** : center
	MTSJCHA (Flange shape A)	8	50〜400		50〜1100	
	MTSJCHB (Flange shape B)	10			50〜1600	
		12			50〜1800	

💡 Specify the wattage such that the W density (W/cm²) is within the range 2≦W/cm²≦15. 💡 *Flange shape B is not available for D6.

Order
Part Number — L — V — W — Sensor position
MTSJCHA10 — 200 — V200 — W600 — KP

Days to Ship Quotation

Price Quotation

Alterations
Part Number — L — V — W — Sensor position — (JC・HC・M4・G4)
MTSJCHA10 — 200 — V200 — W600 — KP — JC2 — M4
Compensating lead wire length (mm)

Alterations	Code	Spec.	1Code
(1000) JC	JC	Change the length of the lead wire for a heater. Designation method / Lead wire length (mm): JC2 / 2000, JC3 / 3000	
(1000) HC	HC	Change the length of the compensation lead wire for a temperature sensor. Designation method / Compensating lead wire length (mm): HC2 / 2000, HC3 / 3000	Quotation
Insulated tube/Silicone Lead wire length	M4	Fit round crimped terminal (M4) onto lead wire.	
Insulated tube/Silicone Lead wire length	G4	Fit Y-type crimped terminal (M4) onto lead wire.	

Heating Items