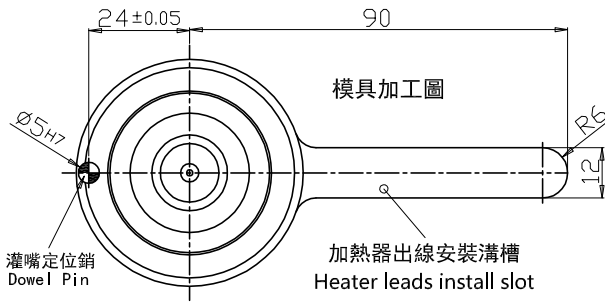


CMM50-Type L

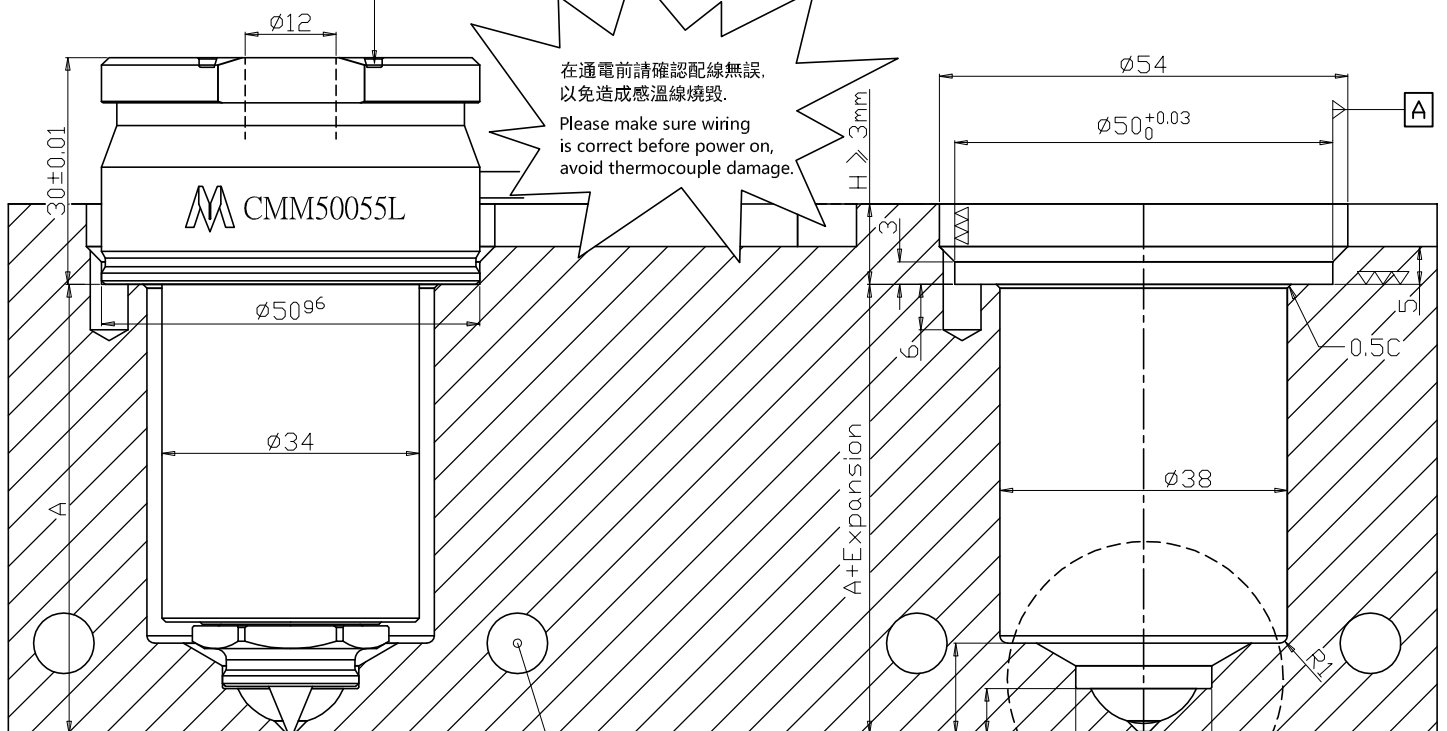
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	
CMM50055L	55	CH-24055CY	550	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50070L	70	CH-24055CY	550	
CMM50085L	85	CH-24062CY	620	
CMM50100L	100	CH-24062CY	620	
CMM50115L	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



密封環規格: OR635
O-Ring Size: OR635

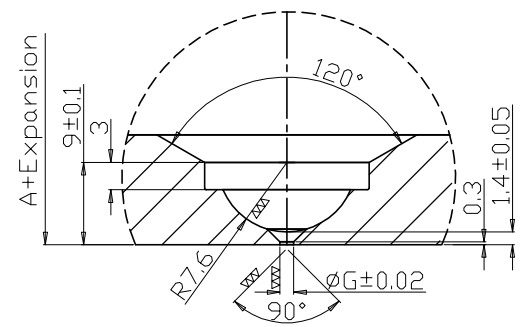
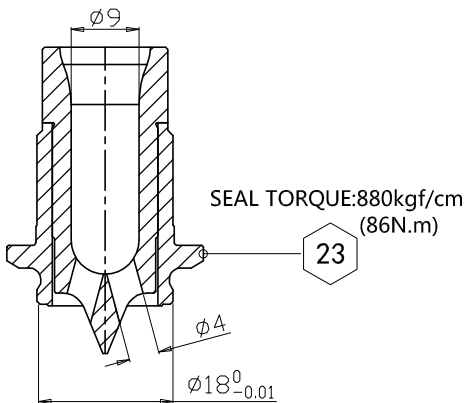


冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35



$$\text{Expansion} = \text{Nozzle Length}(A) \times 0.0000132 \times (\text{Nozzle temp} - \text{Mold temp})$$

For Example,

Nozzle Length=55mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=55x0.0000132x(250-20)
=0.17mm

請注意/Note:

澆口G大小範圍從φ1.5~4.0mm, 尺寸依成型材質及成品厚薄來決定。

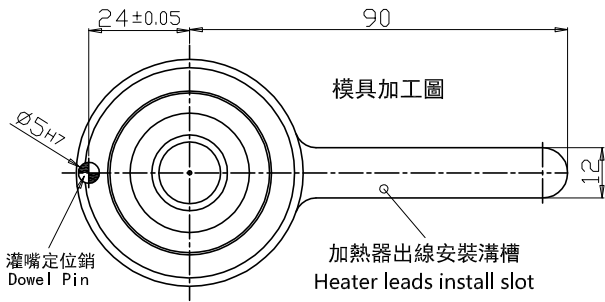
G dimension selection from φ1.5~4.0mm, the final size should be determined by application.

CMM50-Type LC

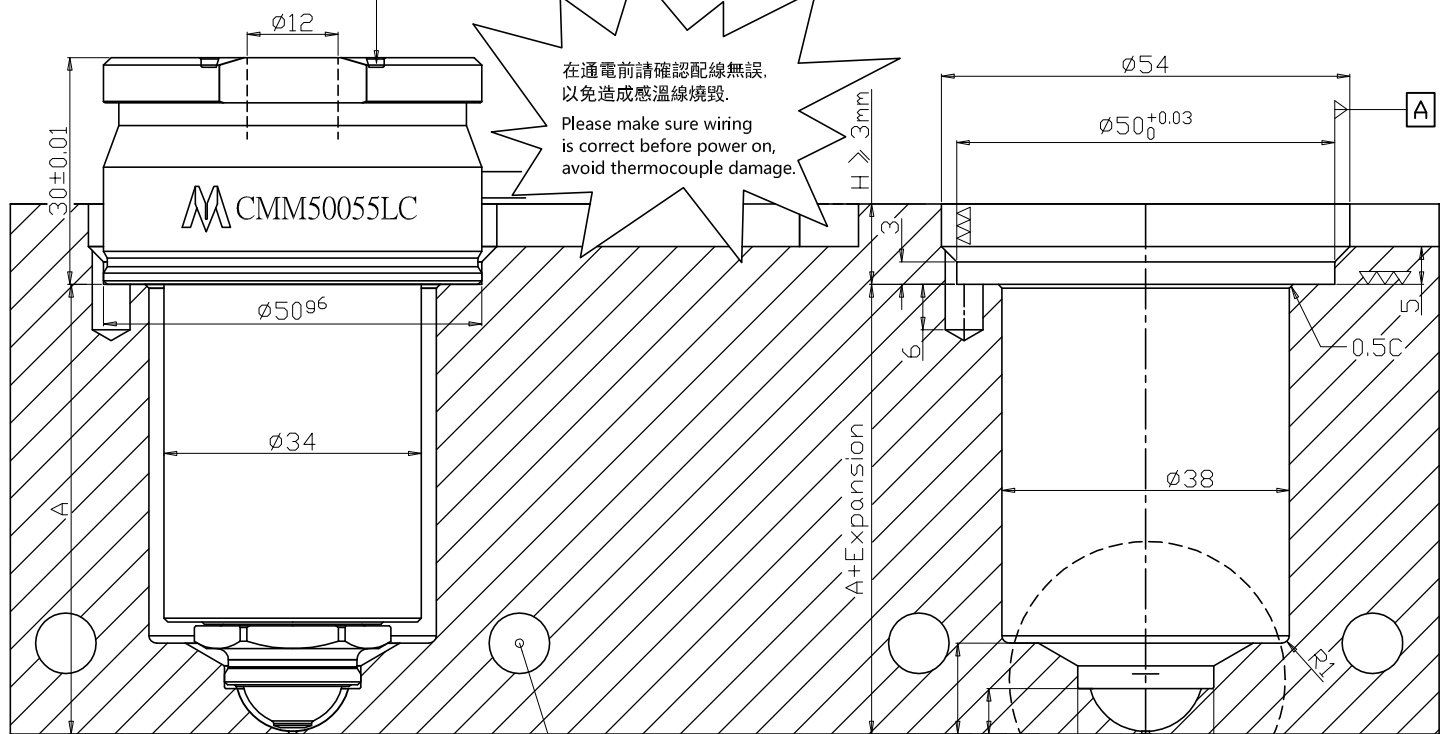
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	
CMM50055LC	55	CH-24055CY	550	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50070LC	70	CH-24055CY	550	
CMM50085LC	85	CH-24062CY	620	
CMM50100LC	100	CH-24062CY	620	
CMM50115LC	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



密封環規格: OR635
O-Ring Size: OR635

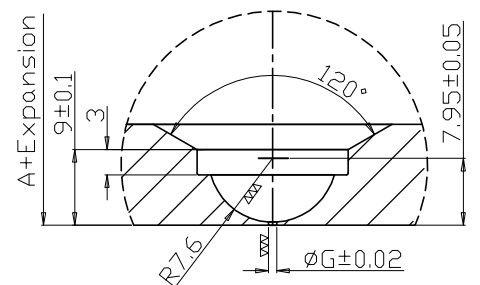
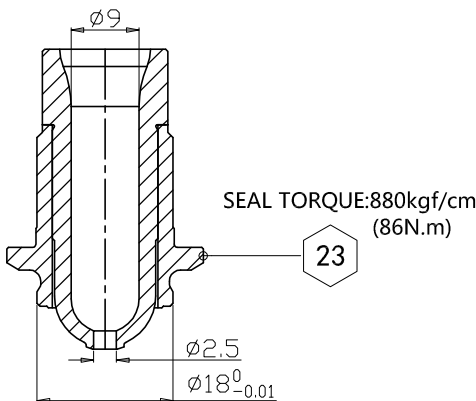


冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35



Expansion = Nozzle Length(A) x 0.0000132 x (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 x 0.0000132 x (250 - 20)
= 0.17mm

請注意/Note:

澆口G大小範圍從φ1.0~2.5mm, 尺寸依成型材質及成品厚薄來決定。

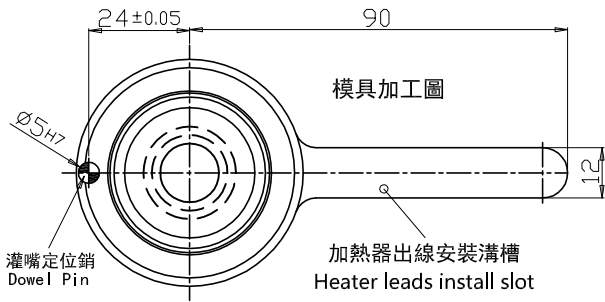
G dimension selection from φ1.0~2.5mm, the final size should be determined by application.

CMM50-Type S

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	
CMM50055S	55	CH-24055CY	550	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50070S	70	CH-24055CY	550	
CMM50085S	85	CH-24062CY	620	
CMM50100S	100	CH-24062CY	620	
CMM50115S	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.

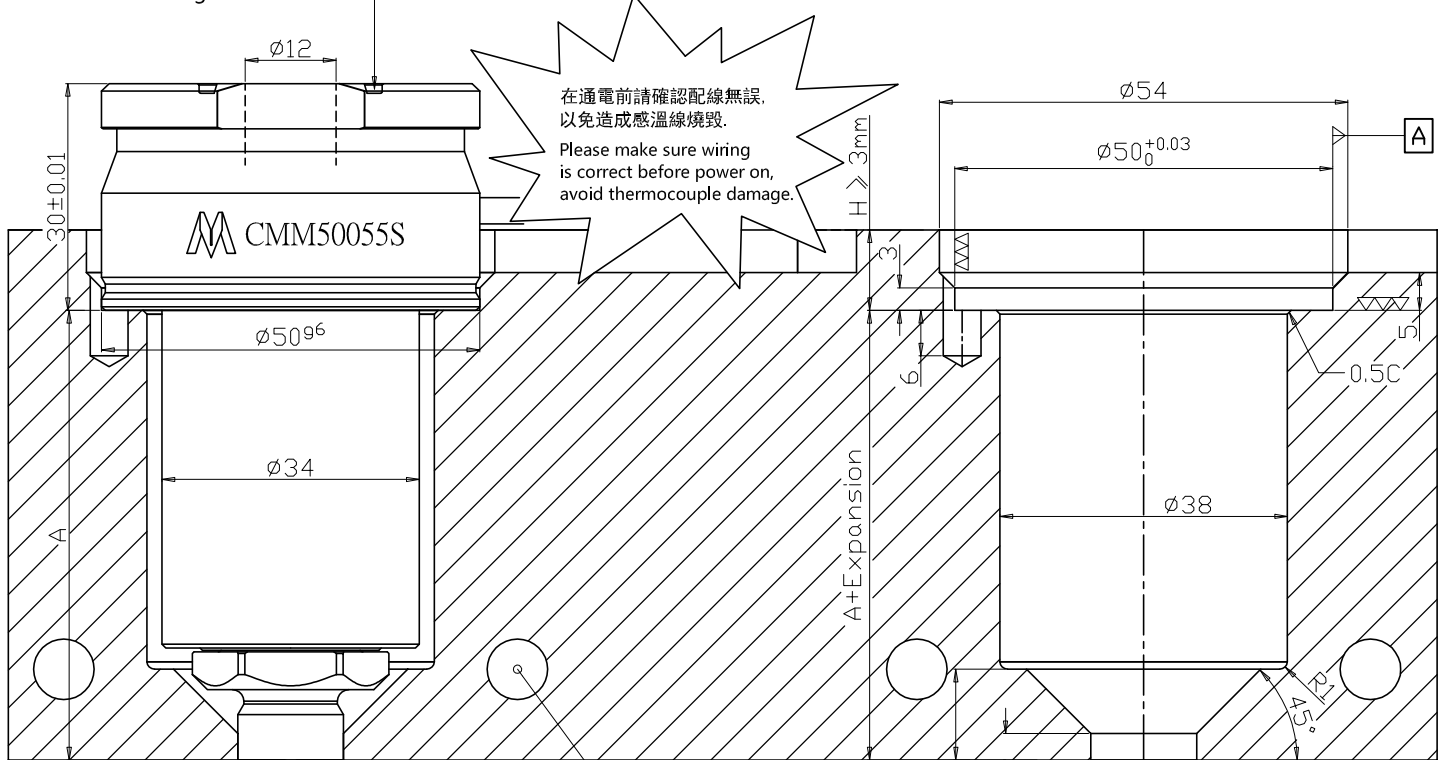


灌嘴定位銷
Dowel Pin

密封環規格: OR635
O-Ring Size: OR635

在通電前請確認配線無誤, 以免造成感溫線燒毀。

Please make sure wiring is correct before power on, avoid thermocouple damage.



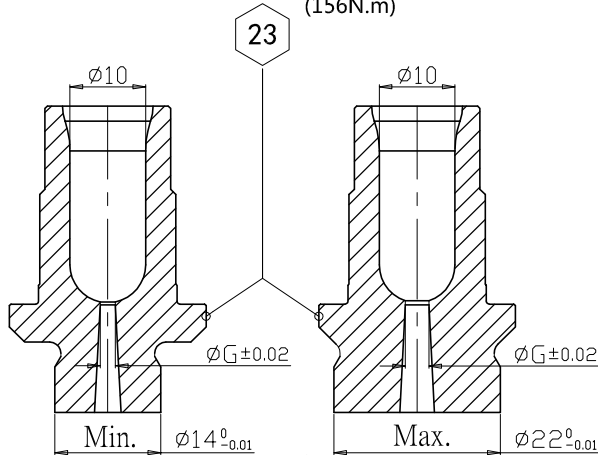
SEAL TORQUE: 1600kgf/cm (156N.m)

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 14.0	3.5
Max. 22.0	7.5



Expansion = Nozzle Length(A) × 0.0000132 × (Nozzle temp - Mold temp)

請注意/Note:

澆口G大小範圍從2.0~4.0mm, 尺寸依成型材質及成品厚薄來決定。

G dimension selection from 2.0~4.0mm, the final size should be determined by application.

For Example,

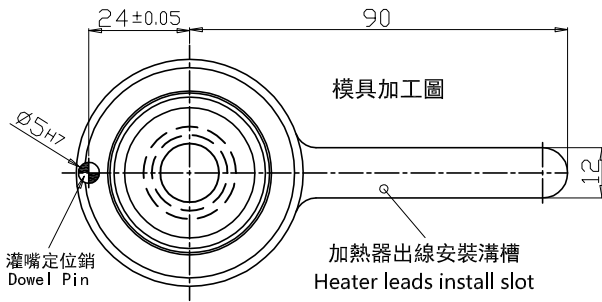
Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 × 0.0000132 × (250 - 20)
= 0.17mm

CMM50-Type SE

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	
CMM50055SE	55	CH-24055CY	550	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50070SE	70	CH-24055CY	550	
CMM50085SE	85	CH-24062CY	620	
CMM50100SE	100	CH-24062CY	620	
CMM50115SE	115	CH-24070CY	700	

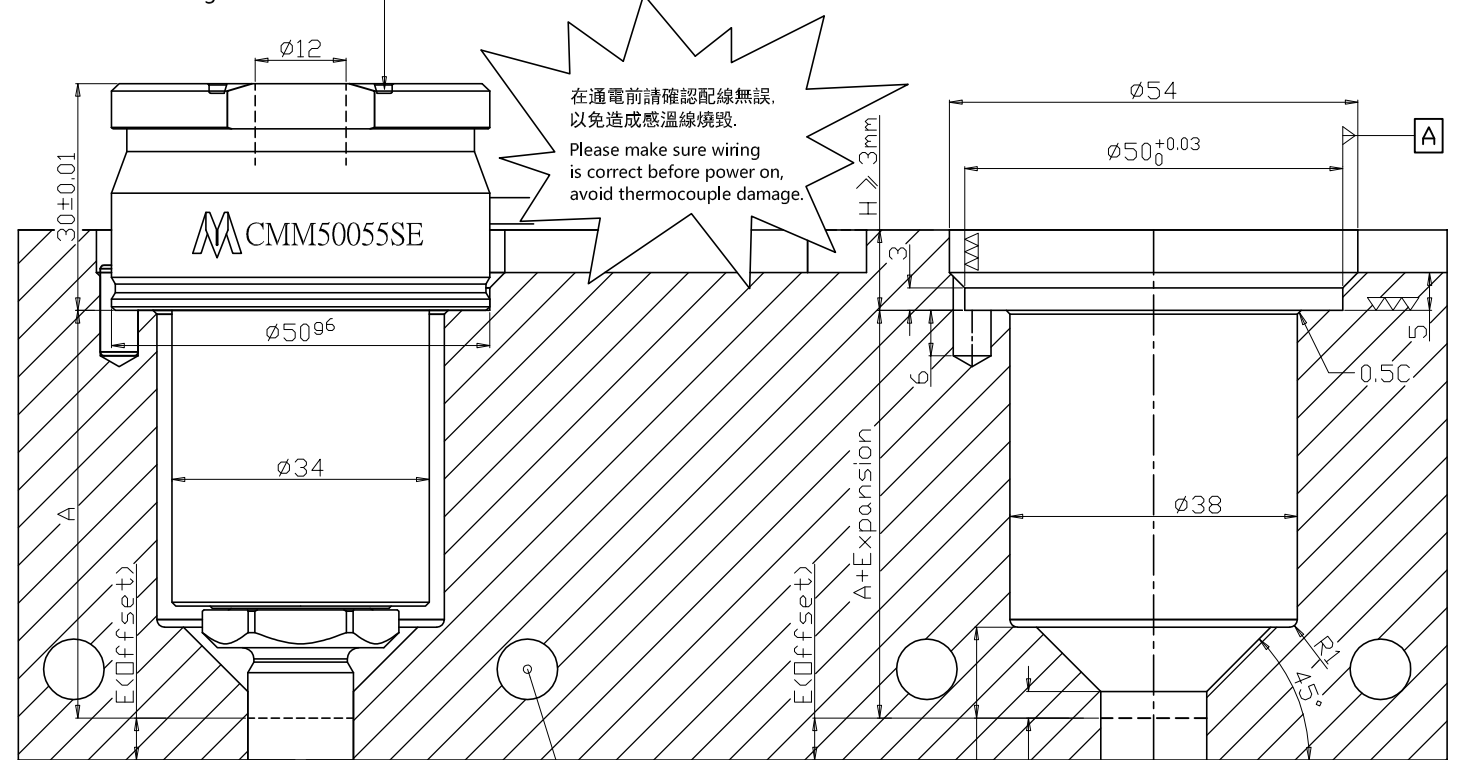
請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



灌嘴定位銷
Dowel Pin

密封環規格: OR635
O-Ring Size: OR635



在通電前請確認配線無誤, 以免造成感溫線燒毀。
Please make sure wiring is correct before power on, avoid thermocouple damage.

冷却水路
Cooling Circuit

SEAL TORQUE: 1600kgf/cm
(156N.m)

灌嘴熱膨脹量參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

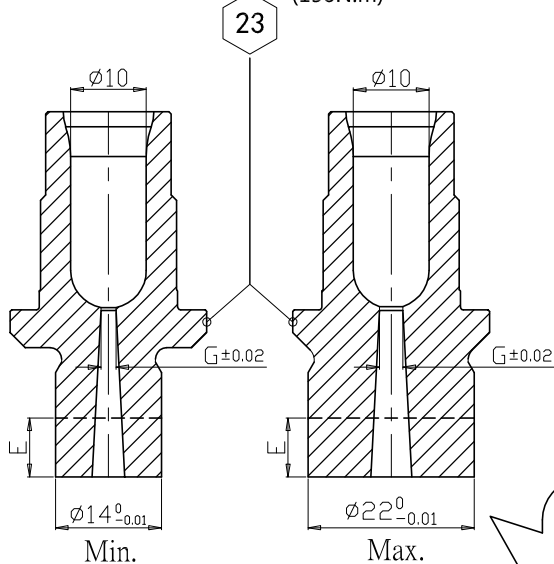
ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 14.0	3.5
Max. 22.0	7.5

請注意/Note:
E尺寸可依據客戶模具需求訂制合適的長度尺寸。
Dimension E can be customized by customer demand.

$$\text{Expansion} = \text{Nozzle Length}(A) \times 0.0000132 \times (\text{Nozzle temp} - \text{Mold temp})$$

請注意/Note:
澆口G大小範圍從Ø2.0~4.0mm, 尺寸依成型材質及成品厚薄來決定。
G dimension selection from Ø2.0~4.0mm, the final size should be determined by application.

For Example,
Nozzle Length=55mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=55x0.0000132x(250-20)
=0.17mm



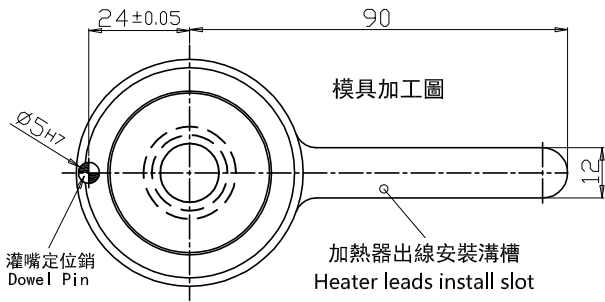
CMM50-Type T

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W
CMM50055T	55	CH-24055CY	550
CMM50070T	70	CH-24055CY	550
CMM50085T	85	CH-24062CY	620
CMM50100T	100	CH-24062CY	620
CMM50115T	115	CH-24070CY	700

本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。
For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.

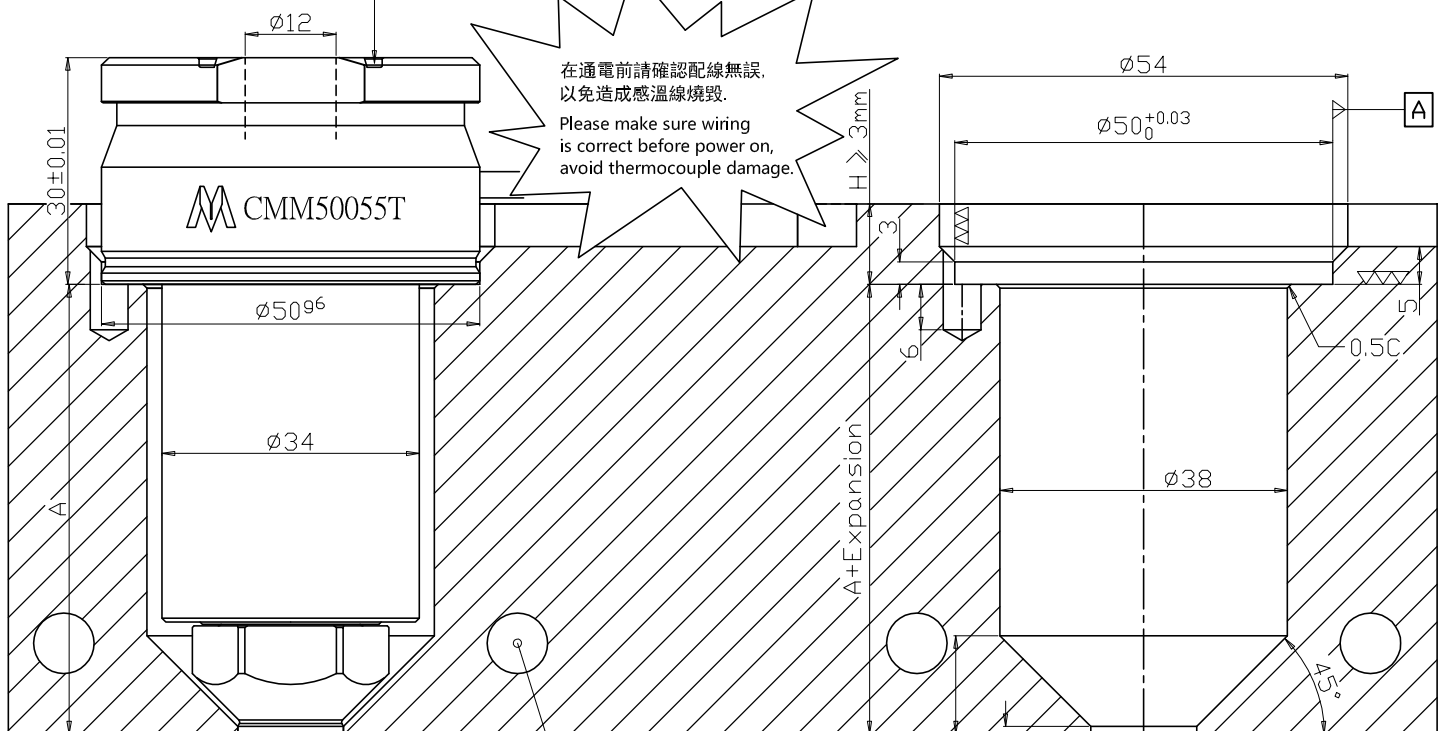
請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



密封環規格: OR635
O-Ring Size: OR635

在通電前請確認配線無誤, 以免造成感溫線燒毀。
Please make sure wiring is correct before power on, avoid thermocouple damage.



SEAL TORQUE: 880kgf/cm (86N.m)

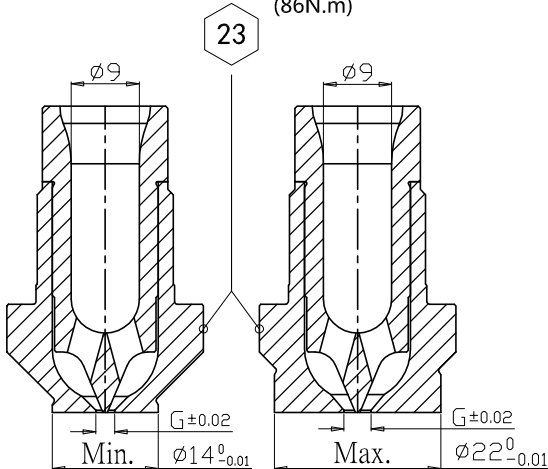
冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 14.0	1.0
Max. 22.0	5.0



Expansion = Nozzle Length (A) × 0.0000132 × (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 × 0.0000132 × (250 - 20)
= 0.17mm

請注意/Note:

澆口G大小範圍從φ1.5~4.0mm, 尺寸依成型材質及成品厚薄來決定。

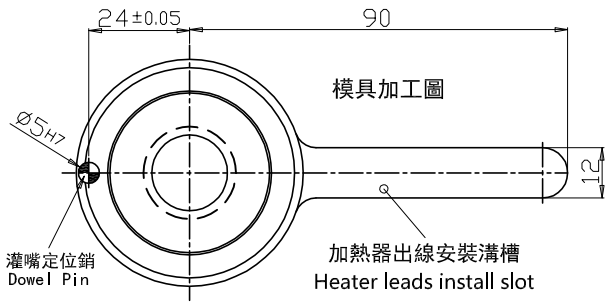
G dimension selection from φ1.5~4.0mm, the final size should be determined by application.

CMM50-Type TC

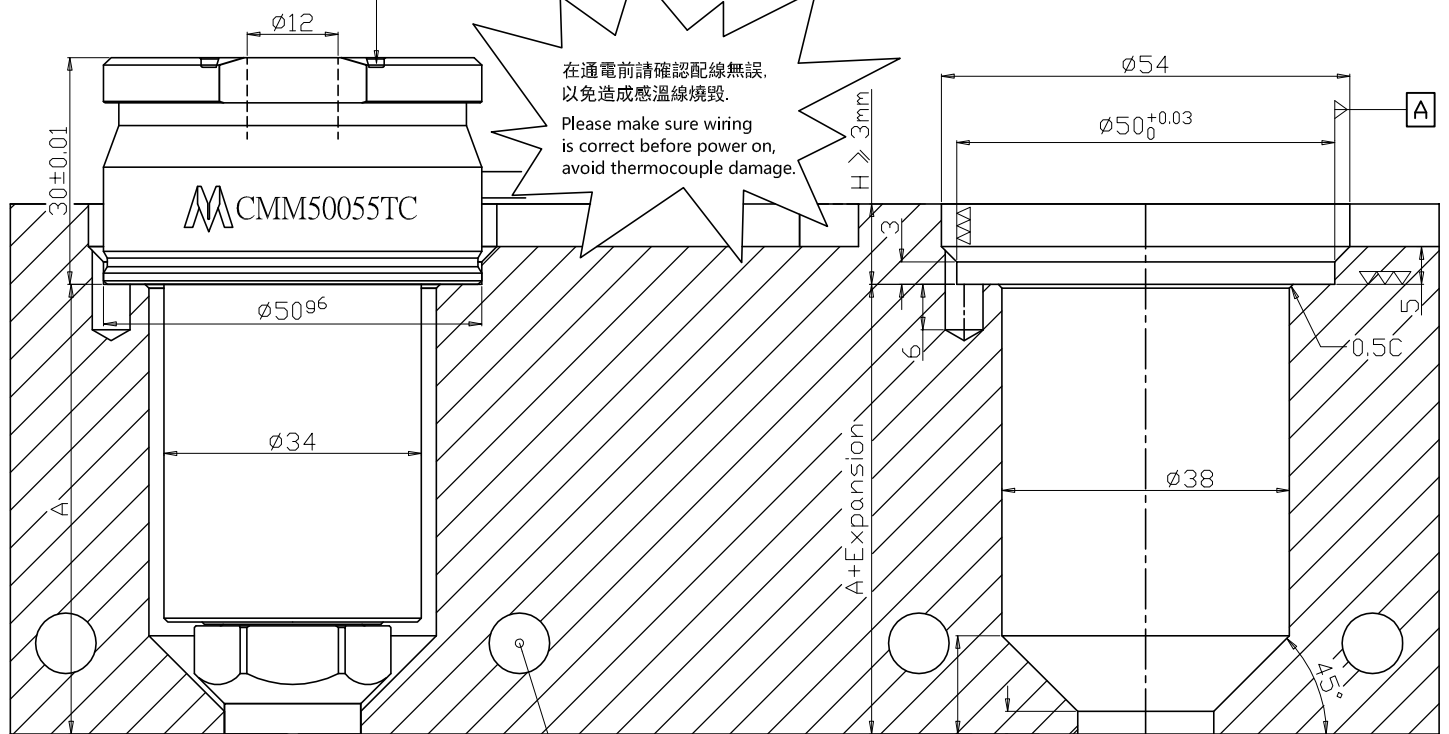
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50055TC	55	CH-24055CY	550	
CMM50070TC	70	CH-24055CY	550	
CMM50085TC	85	CH-24062CY	620	
CMM50100TC	100	CH-24062CY	620	
CMM50115TC	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



密封環規格: OR635
O-Ring Size: OR635



SEAL TORQUE: 880kgf/cm (86N.m)

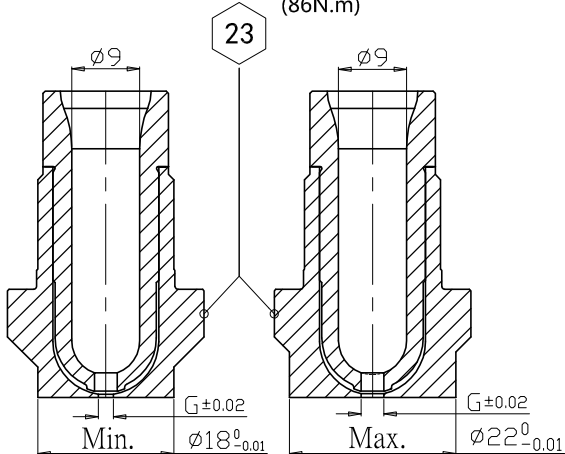
冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 18.0	3.0
Max. 22.0	5.0



Expansion = Nozzle Length(A) x 0.0000132 x (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 55mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 55 x 0.0000132 x (250 - 20)
= 0.17mm

請注意/Note:

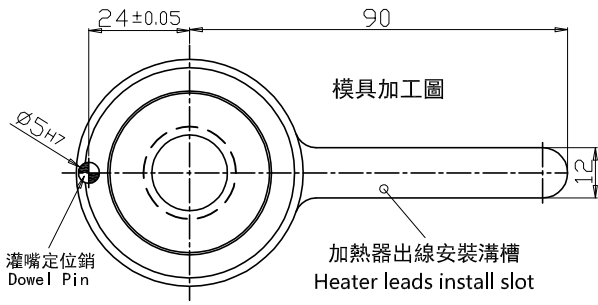
澆口G大小範圍從φ1.5~2.6mm, 尺寸依成型材質及成品厚薄來決定。

G dimension selection from φ1.5~2.6mm, the final size should be determined by application.

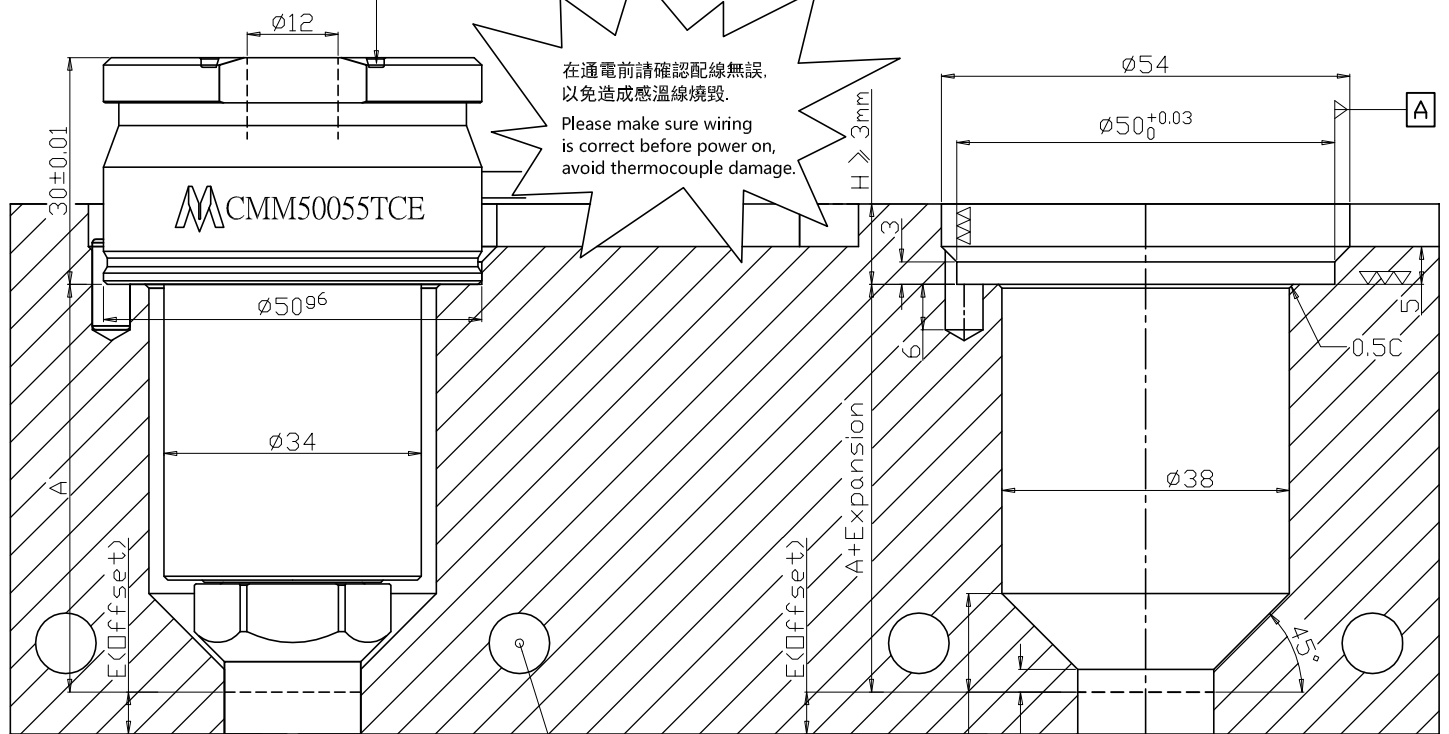
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	
CMM50055TCE	55	CH-24055CY	550	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。 For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM50070TCE	70	CH-24055CY	550	
CMM50085TCE	85	CH-24062CY	620	
CMM50100TCE	100	CH-24062CY	620	
CMM50115TCE	115	CH-24070CY	700	

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



密封環規格: OR635
O-Ring Size: OR635



冷却水路
Cooling Circuit

SEAL TORQUE: 880kgf/cm
(86N.m)

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 18.0	3.0
Max. 22.0	5.0

請注意/Note:

E尺寸可依據客戶模具需求訂制合適的長度尺寸。

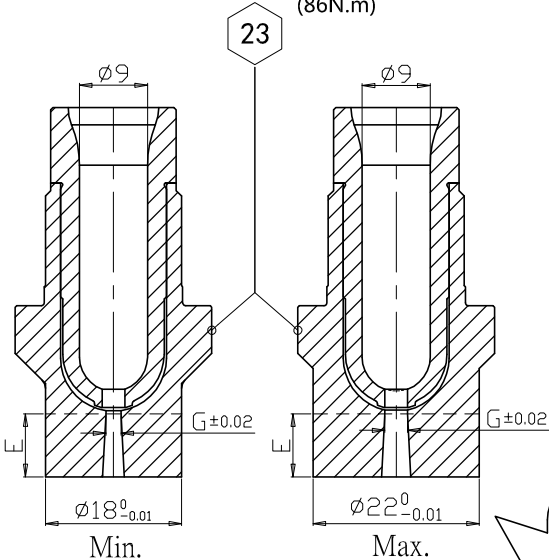
Dimension E can be customized by customer demand.

$$\text{Expansion} = \text{Nozzle Length}(A) \times 0.0000132 \times (\text{Nozzle temp} - \text{Mold temp})$$

請注意/Note:
澆口G大小範圍從 $\phi 2.0 \sim 2.6$ mm, 尺寸依成型材質及成品厚薄來決定。
G dimension selection from $\phi 2.0 \sim 2.6$ mm, the final size should be determined by application.

For Example,

Nozzle Length=55mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=55x0.0000132x(250-20)
=0.17mm



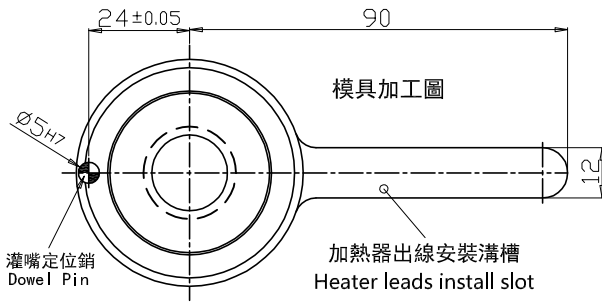
CMM50-Type TE

灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W
CMM50055TE	55	CH-24055CY	550
CMM50070TE	70	CH-24055CY	550
CMM50085TE	85	CH-24062CY	620
CMM50100TE	100	CH-24062CY	620
CMM50115TE	115	CH-24070CY	700

本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢。
For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.

請注意: 本系統加熱器出線共有五條, 其中兩條是電熱線, 顏色各為橘色與灰色, 另外兩條為歐規J型絕緣式感溫線, 紅色代表正極, 藍色代表負極, 最後一條是接地線, 顏色為黃綠色。

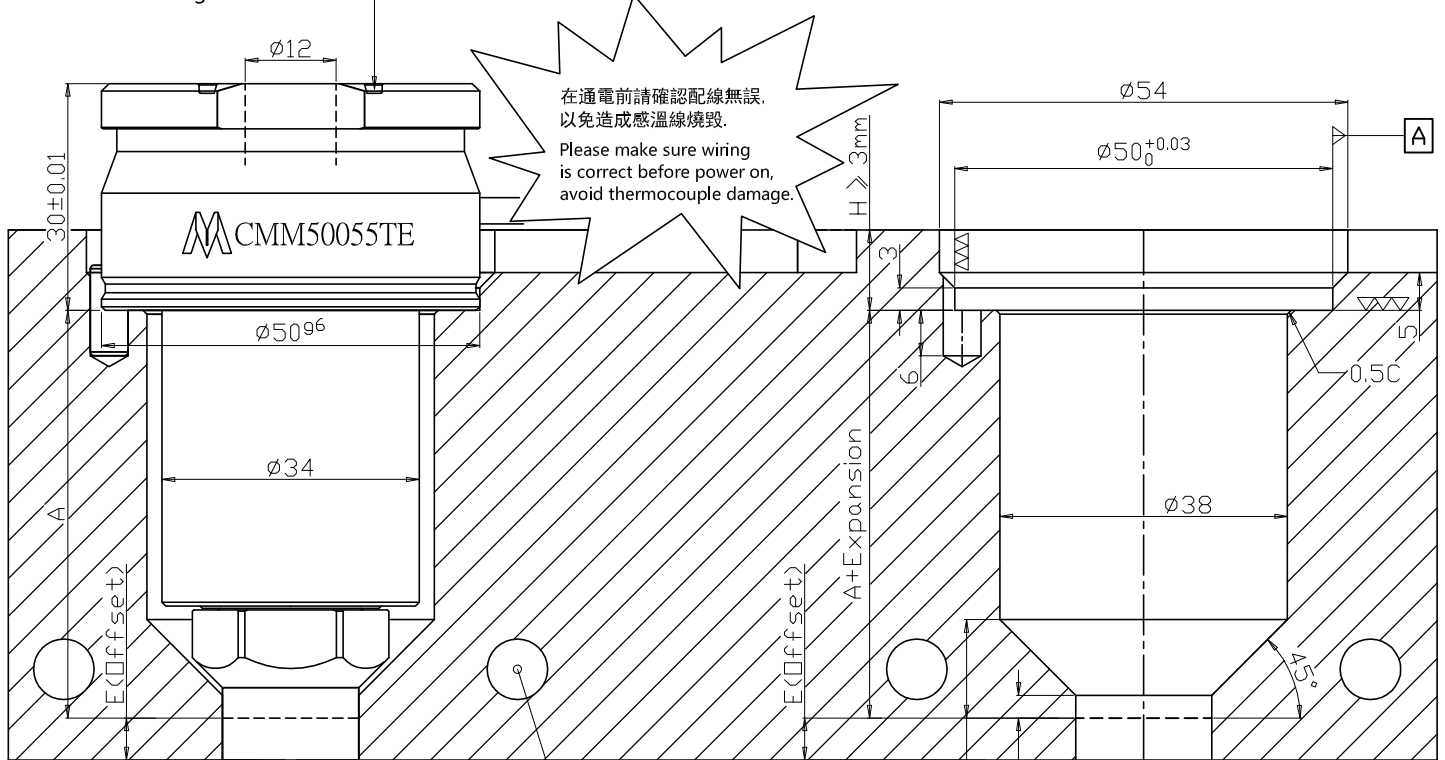
Note: Each C series nozzle heater contains 5 wireleads, 2 are for power, the wireleads colour are orange and gray, 2 are for J type insulated thermocouple, the red colour is positive and blue colour is negative, the ground lead colour is yellow green.



灌嘴定位銷
Dowel Pin

密封環規格: OR635
O-Ring Size: OR635

在通電前請確認配線無誤, 以免造成感溫線燒毀。
Please make sure wiring is correct before power on, avoid thermocouple damage.



SEAL TORQUE: 880kgf/cm (86N.m)

冷却水路
Cooling Circuit

灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	55	0.17
	70	0.22
	85	0.26
	100	0.31
	115	0.35

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 18.0	3.0
Max. 22.0	5.0

請注意/Note:

E尺寸可依據客戶模具需求訂制合適的長度尺寸。

Dimension E can be customized by customer demand.

$$\text{Expansion} = \text{Nozzle Length}(A) \times 0.0000132 \times (\text{Nozzle temp} - \text{Mold temp})$$

請注意/Note:
澆口G大小範圍從Ø2.0~4.0mm, 尺寸依成型材質及成品厚薄來決定。
G dimension selection from Ø2.0~4.0mm, the final size should be determined by application.

For Example,

Nozzle Length=55mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=55x0.0000132x(250-20)
=0.17mm

