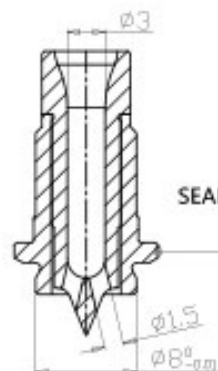
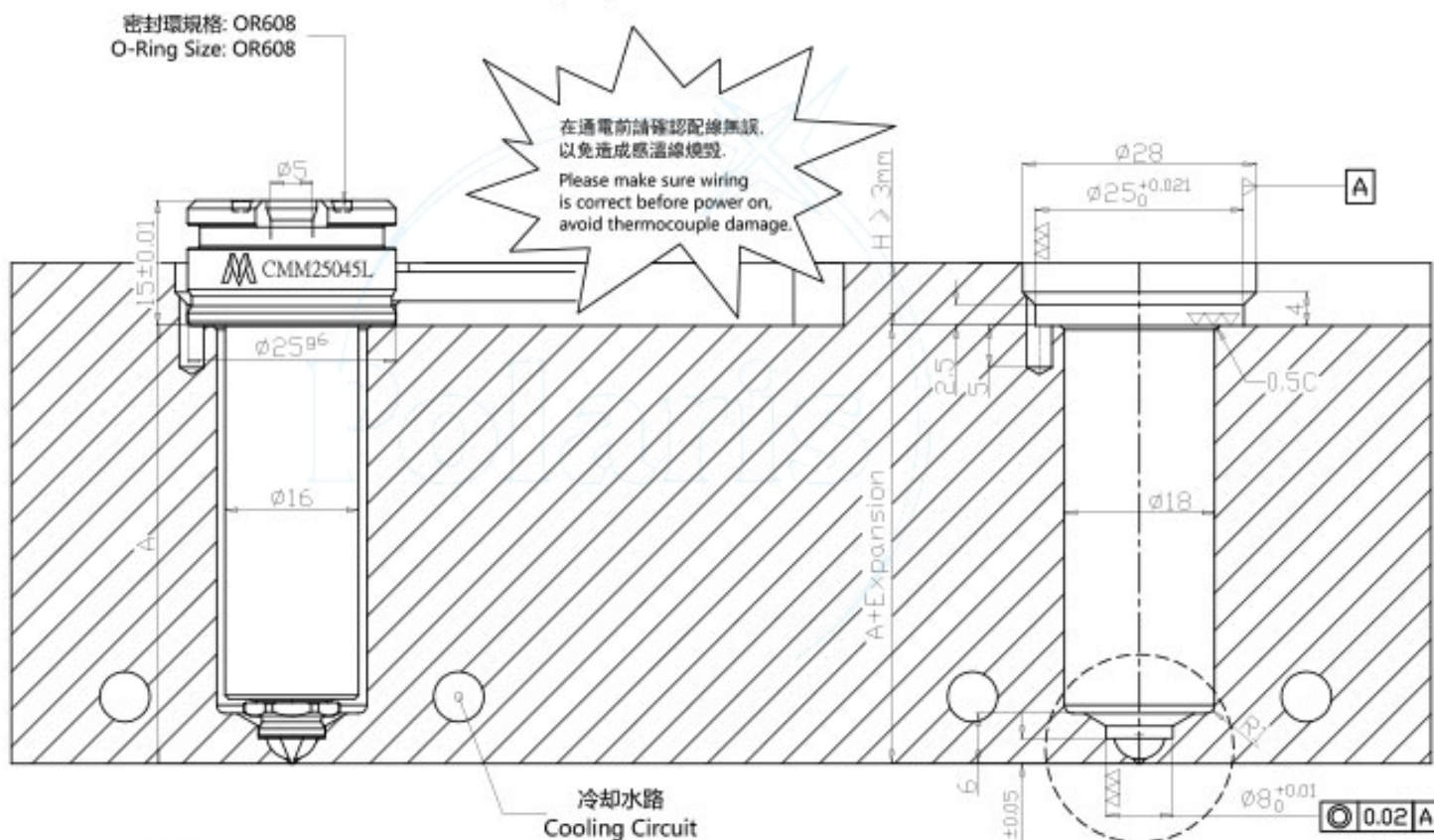




灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W	本系列灌嘴長度亦可依模具設計提供客製品, 相關產品圖面需求請與本公司相關人員洽詢. For C series, we offer tailor-made nozzle length option, please contact us for drawing and further details.
CMM25045L	45	CH-10020BY	200	
CMM25055L	55	CH-10025BY	250	
CMM25065L	65	CH-10029BY	290	
CMM25075L	75	CH-10029BY	290	
CMM25085L	85	CH-10033BY	330	

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，紅色代表正端，藍色代表負端，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.



SEAL TORQUE:125kgf/cm
(12N.m)

10

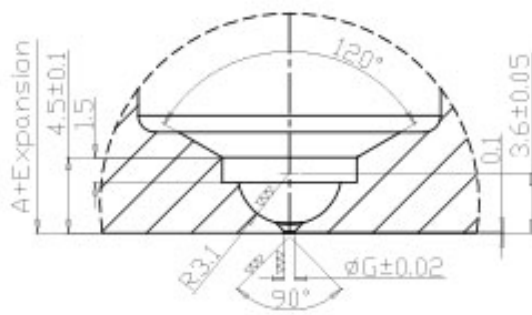
灌嘴熱膨脹量參考表
Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
温差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

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

For Example,

Nozzle Length=45mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion= $45 \times 0.0000132 \times (250 - 20)$
=0.14mm



請注意/Note:

澆口G大小範圍從 $\phi 0.6 \sim 1.7\text{mm}$,尺寸依
成型材質及成品厚薄來決定.

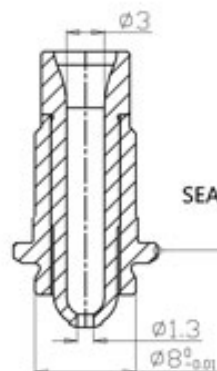
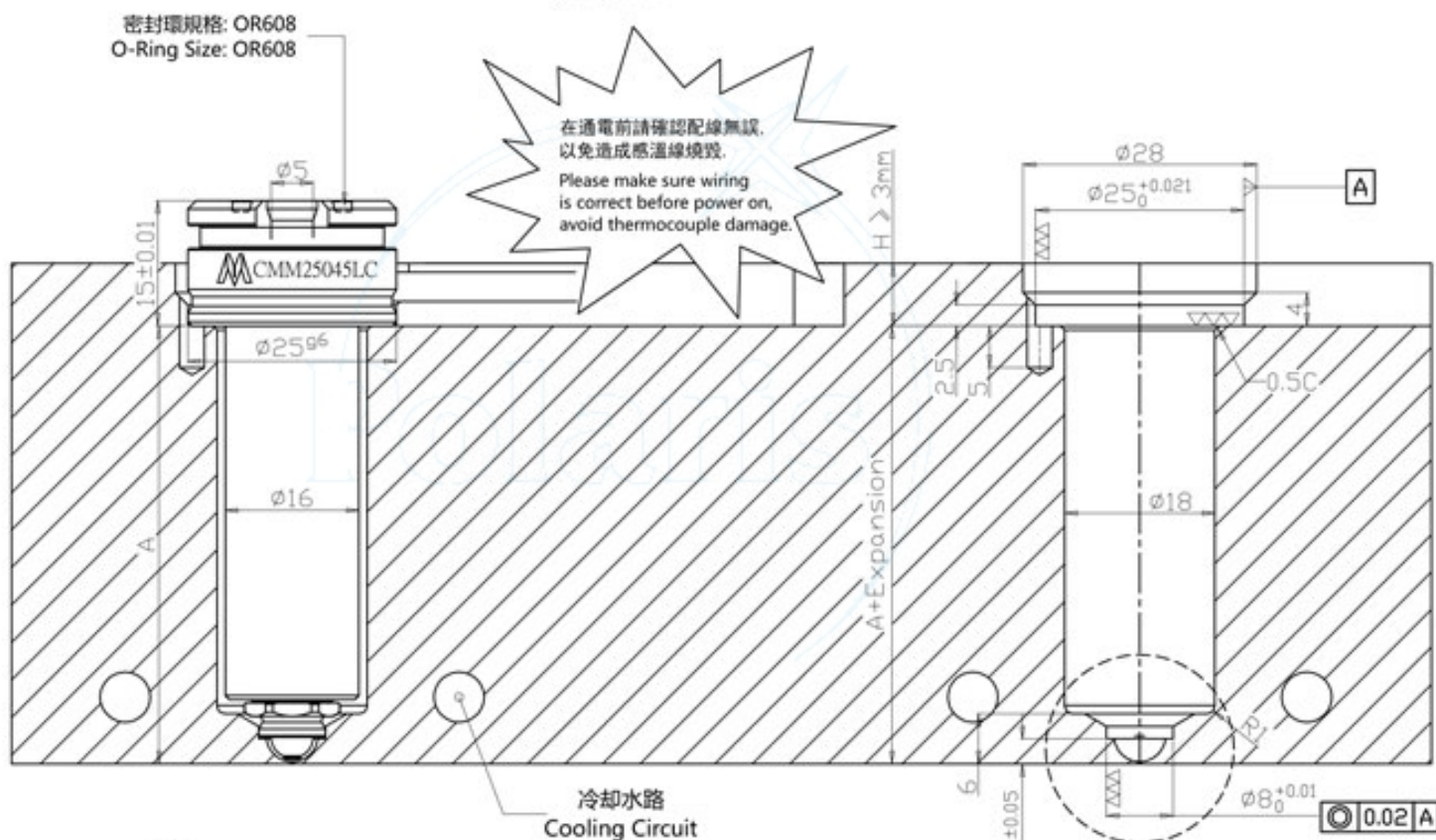
G dimension selection from $\phi 0.6 \sim 1.7 \text{ mm}$, the final size should be determined by application.



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	
CMM25045LC	45	CH-10020BY	200	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.
CMM25055LC	55	CH-10025BY	250	
CMM25065LC	65	CH-10029BY	290	
CMM25075LC	75	CH-10029BY	290	
CMM25085LC	85	CH-10033BY	330	

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.

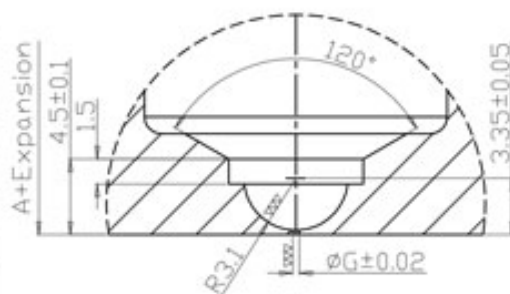


SEAL TORQUE:125kgf/cm
(12N.m)

10

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	
温差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26


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

For Example,

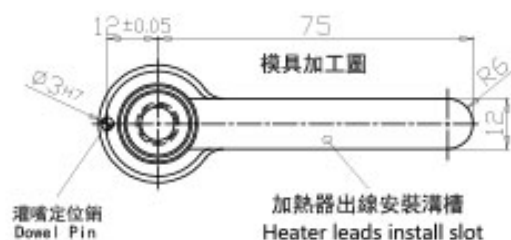
Nozzle Length=45mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=45x0.0000132x(250-20)
=0.14mm

請注意/Note:

湧口G大小範圍從 $\phi 0.4 \sim 1.3\text{mm}$,尺寸依
成型材質及成品厚薄來決定。

G dimension selection from $\phi 0.4 \sim 1.3 \text{mm}$, the final size should be determined by application.

CMM25-Type S



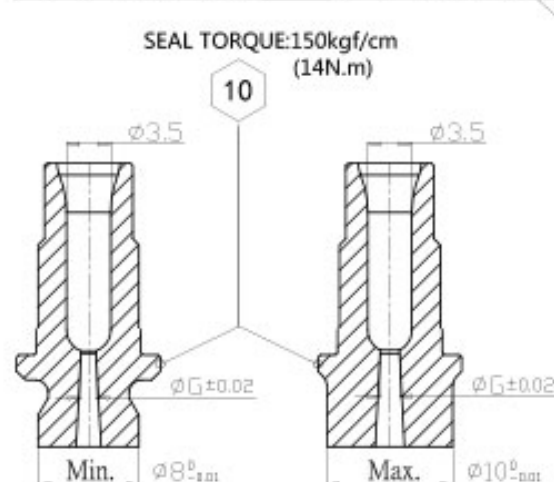
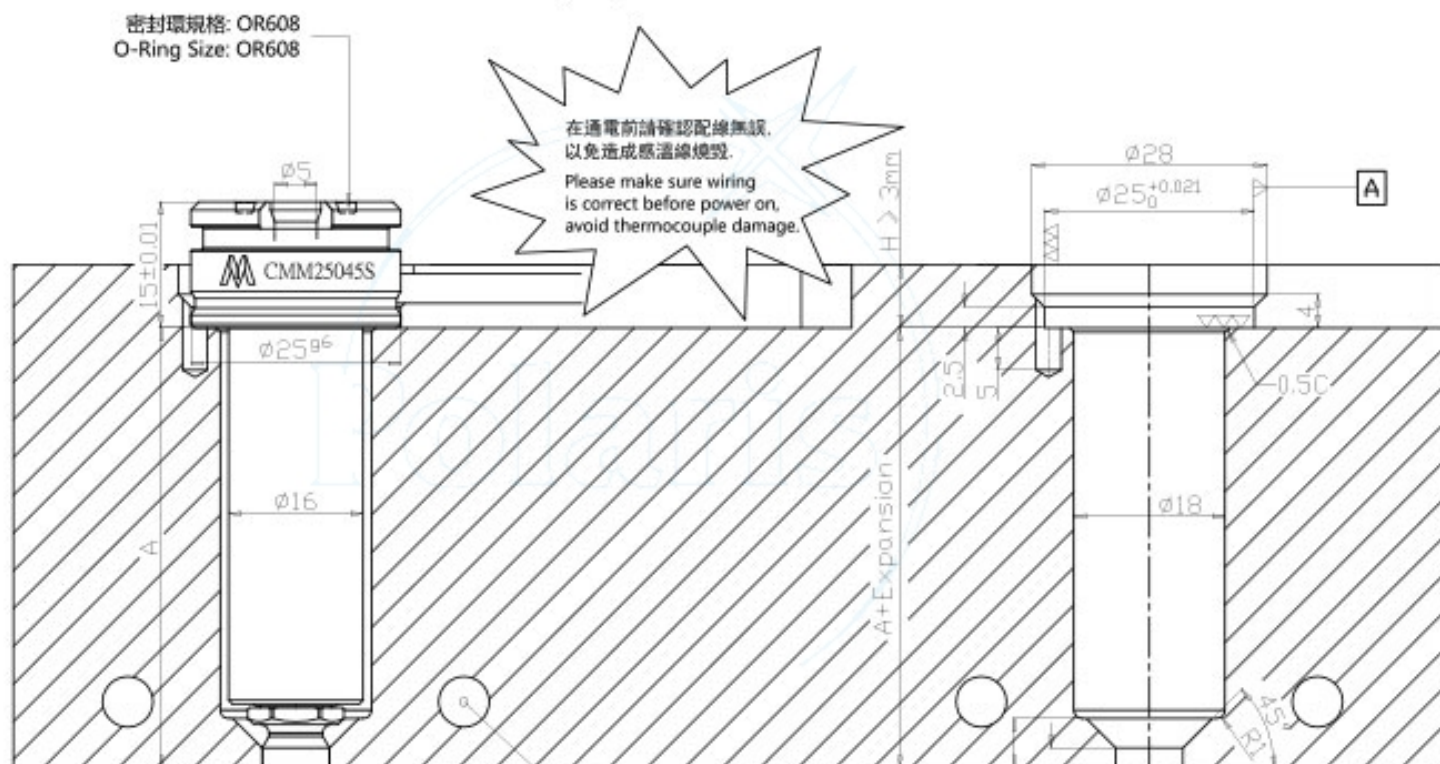
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W
CMM25045S	45	CH-100208Y	200
CMM25055S	55	CH-100258Y	250
CMM25065S	65	CH-100298Y	290
CMM25075S	75	CH-100298Y	290
CMM25085S	85	CH-100338Y	330

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.



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	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

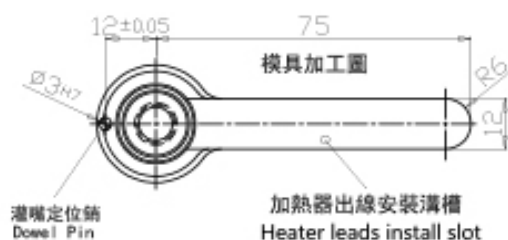
ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 8.0	2.5
Max. 10.0	3.5

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

For Example,

Nozzle Length=45mm,
 Nozzle temp=250°C
 Mold temp=20°C
 Expansion=45x0.0000132x(250-20)
 =0.14mm

請注意/Note:
 滴口G大小範圍從 ϕ 1.3~1.8mm, 尺寸依成型材質及成品厚薄來決定。
 G dimension selection from ϕ 1.3~1.8mm, the final size should be determined by application.



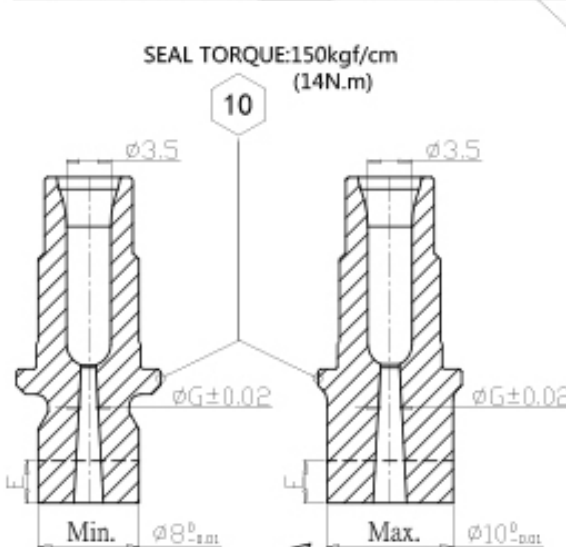
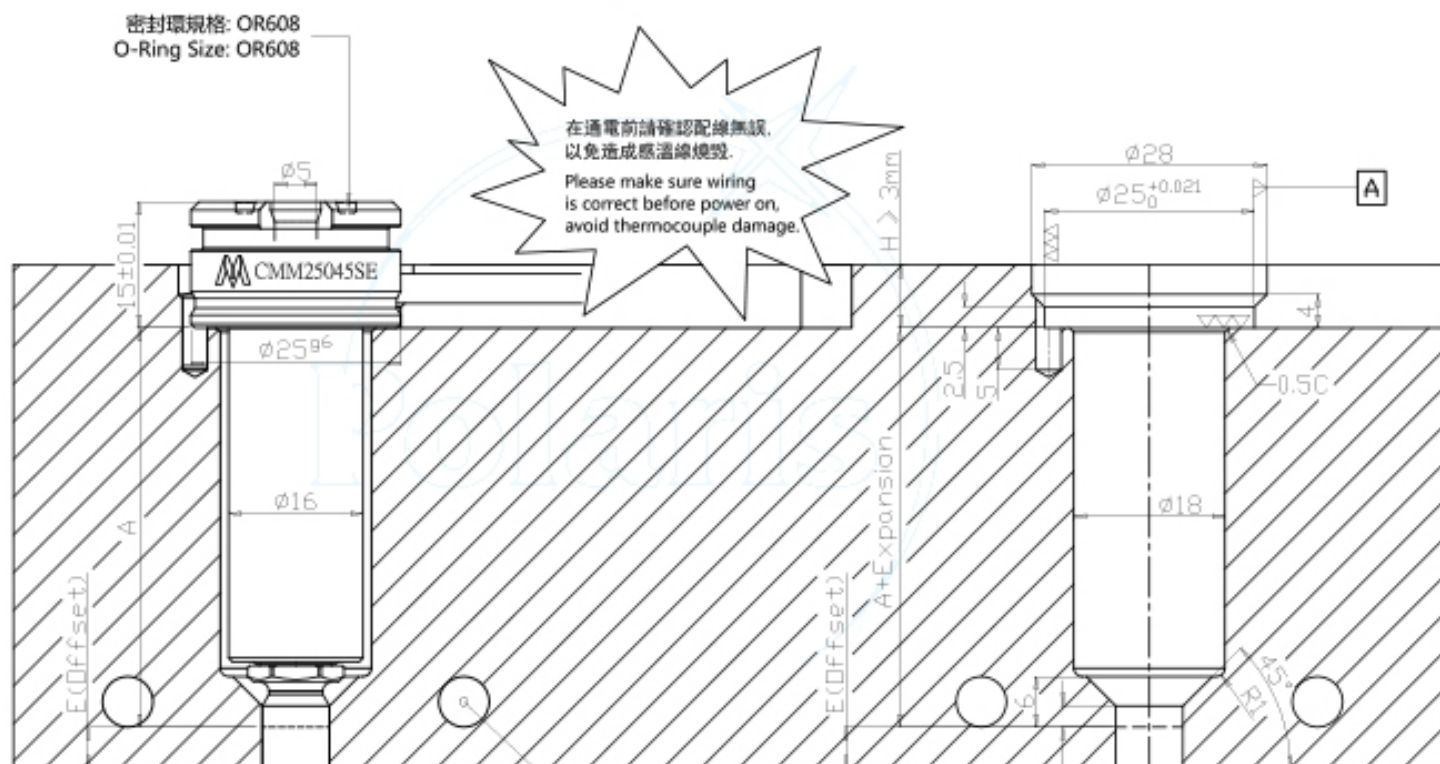
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W
CMM25045SE	45	CH-100208Y	200
CMM25055SE	55	CH-100258Y	250
CMM25065SE	65	CH-100298Y	290
CMM25075SE	75	CH-100298Y	290
CMM25085SE	85	CH-100338Y	330

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型絕緣線感溫線，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.



Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 8.0	2.5
Max. 10.0	3.5

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

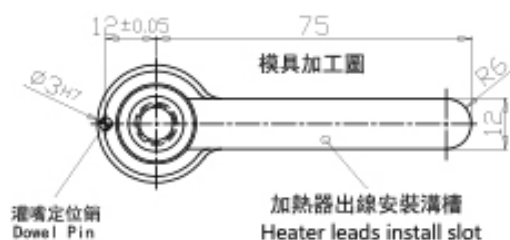
Expansion = Nozzle Length(A) x 0.0000132 x (Nozzle temp - Mold temp)

For Example,

Nozzle Length = 45mm,
Nozzle temp = 250°C
Mold temp = 20°C
Expansion = 45 x 0.0000132 x (250 - 20)
= 0.14mm

請注意/Note:
滴口G大小範圍從Ø1.3~1.8mm, 尺寸依成型材質及成品厚薄來決定。
G dimension selection from Ø1.3~1.8mm, the final size should be determined by application.

CMM25-Type T



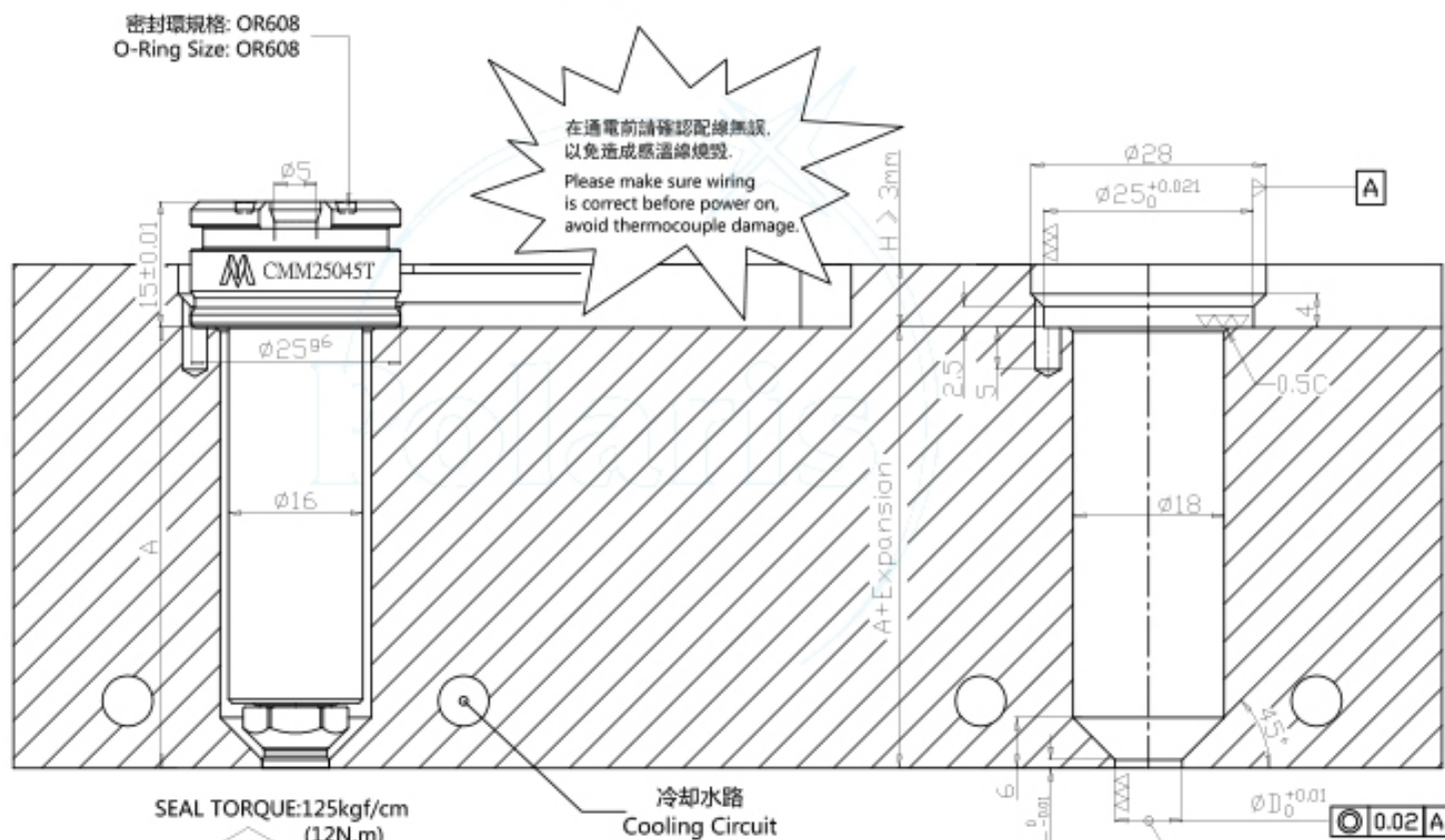
灌嘴型號 Nozzle code	A尺寸/mm A Length/mm	加熱器編號 Heater code	加熱功率/W Power/W
CMM25045T	45	CH-100208Y	200
CMM25055T	55	CH-100258Y	250
CMM25065T	65	CH-100298Y	290
CMM25075T	75	CH-100298Y	290
CMM25085T	85	CH-100338Y	330

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.

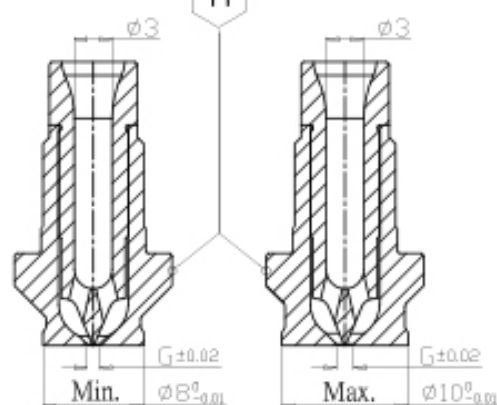


灌嘴熱膨脹量參考表

Nozzle thermo expansion length table

Expansion coefficient	1.32E-05	Expansion length
Mold temp	20	
Nozzle temp	250	
溫差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 8.0	1.0
Max. 10.0	2.0



請注意/Note:

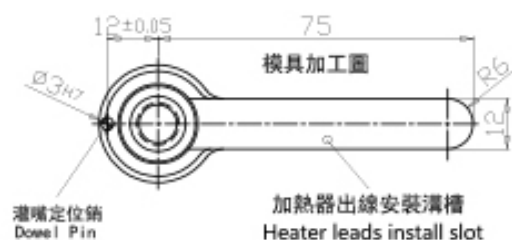
澆口G大小範圍從0.8~1.8mm, 尺寸依成型材質及成品厚薄來決定。

G dimension selection from 0.8~1.8mm, the final size should be determined by application.

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

For Example,

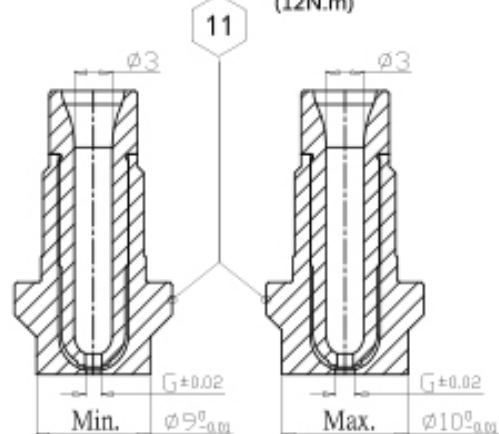
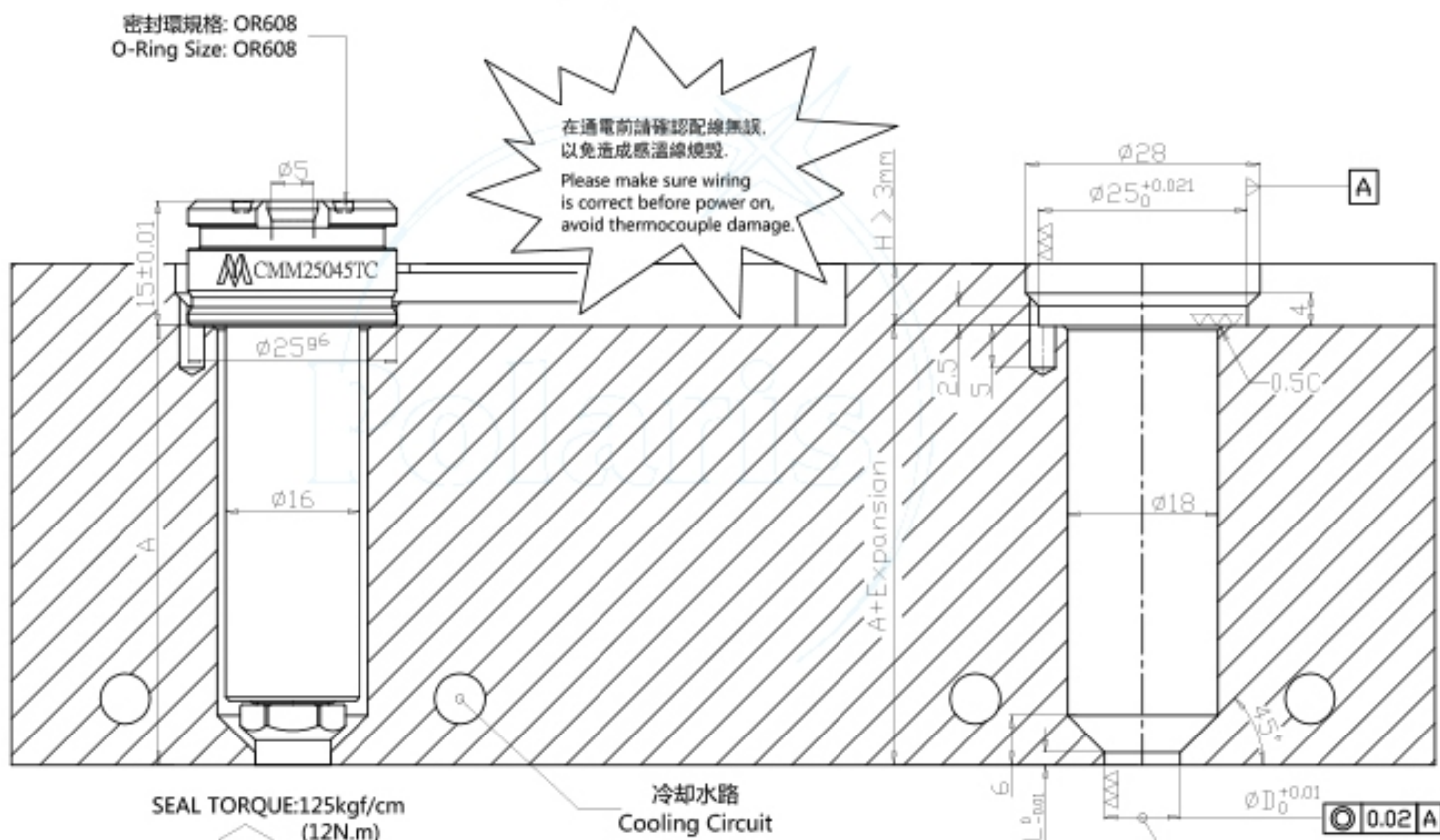
Nozzle Length=45mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=45x0.0000132x(250-20)
=0.14mm



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.
CMM25045TC	45	CH-10020BY	200	
CMM25055TC	55	CH-10025BY	250	
CMM25065TC	65	CH-10029BY	290	
CMM25075TC	75	CH-10029BY	290	
CMM25085TC	85	CH-10033BY	330	

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，紅色代表正端，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	
温差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

ØD尺寸/mm	L尺寸/mm
ØD dia/mm	L Length/mm
Min. 9.0	1.5
Max. 10.0	2.0

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

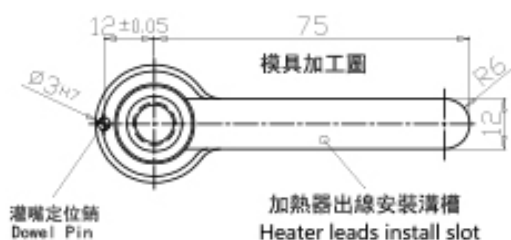
請注意/Note:

澆口G大小範圍從 $\phi 0.8 \sim 1.3\text{mm}$,尺寸依成型材質及成品厚薄來決定.

G dimension selection from $\phi 0.8 \sim 1.3 \text{mm}$, the final size should be determined by application.

For Example,

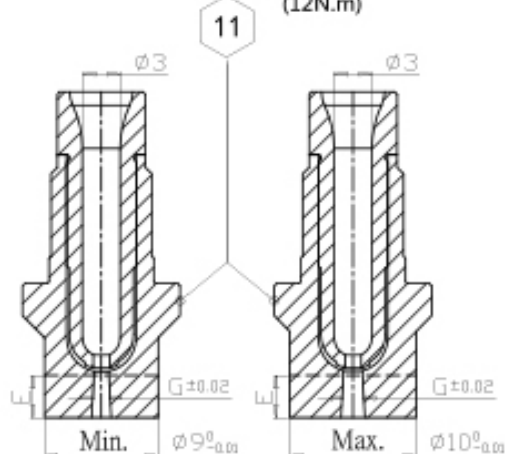
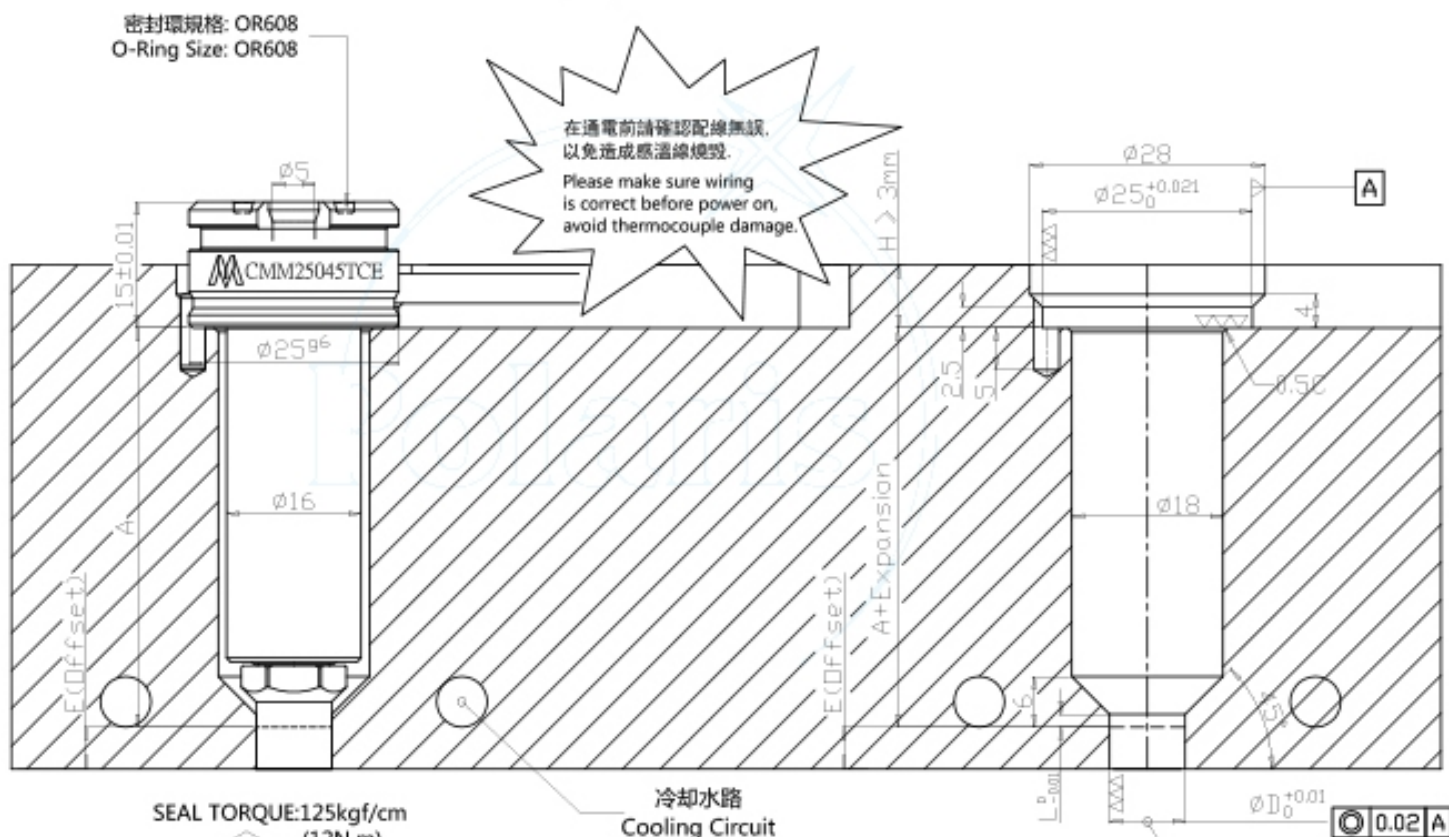
Nozzle Length=45mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=45x0.0000132x(250-20)
=0.14mm



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.
CMM25045TCE	45	CH-10020BY	200	
CMM25055TCE	55	CH-10025BY	250	
CMM25065TCE	65	CH-10029BY	290	
CMM25075TCE	75	CH-10029BY	290	
CMM25085TCE	85	CH-10033BY	330	

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，紅色代表正端，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.



請注意/Note:
澆口G大小範圍從 $\phi 1.0 \sim 1.3 \text{ mm}$,尺寸依
成型材質及成品厚薄來決定.
G dimension selection from
 $\phi 1.0 \sim 1.3 \text{ mm}$, the final size should be
determined by application.

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	
温差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

ØD尺寸/mm	L尺寸/mm
ØD dia/mm	L Length/mm
Min. 9.0	1.5
Max. 10.0	2.0

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.

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

For Example,

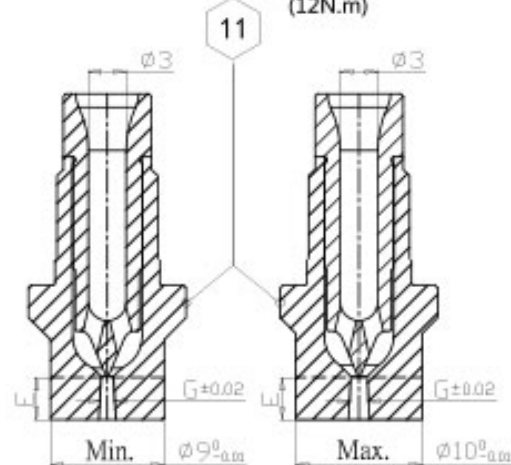
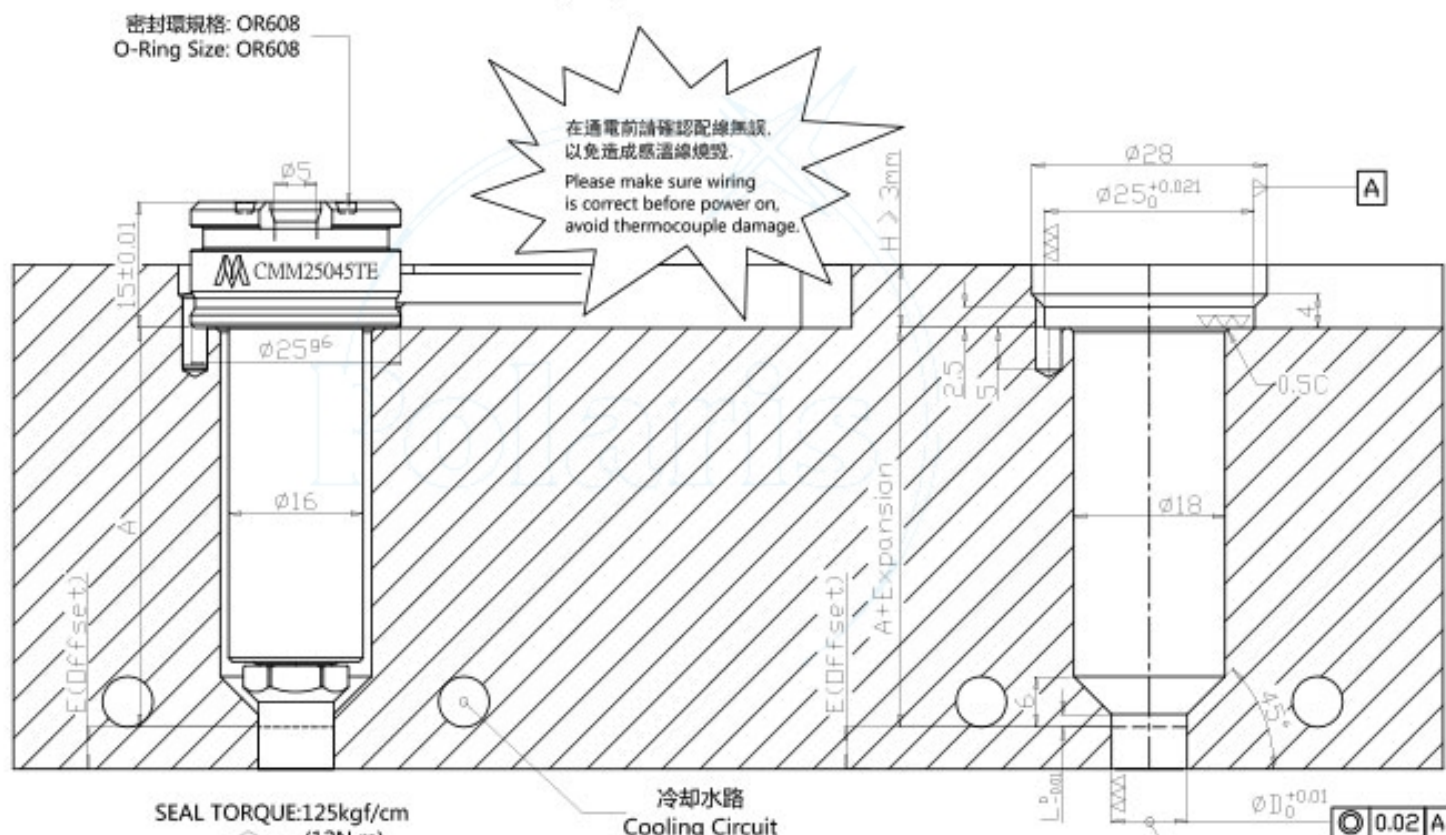
Nozzle Length=45mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion=45x0.0000132x(250-20)
=0.14mm



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.
CMM25045TE	45	CH-10020BY	200	
CMM25055TE	55	CH-10025BY	250	
CMM25065TE	65	CH-10029BY	290	
CMM25075TE	75	CH-10029BY	290	
CMM25085TE	85	CH-10033BY	330	

請注意：本系統加熱器出線共有五條，其中兩條是電熱線，顏色名為橘色與灰色，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.



請注意/Note:

澆口G大小範圍從 $\phi 1.3 \sim 1.8\text{mm}$,尺寸依成型材質及成品厚薄來決定。

G dimension selection from $\phi 1.3 \sim 1.8 \text{mm}$, the final size should be determined by application.

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	
温差	230	
Nozzle length	45	0.14
	55	0.17
	65	0.20
	75	0.23
	85	0.26

ØD尺寸/mm ØD dia/mm	L尺寸/mm L Length/mm
Min. 9.0	1.5
Max. 10.0	2.0

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.

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

For Example,

Nozzle Length=45mm,
Nozzle temp=250°C
Mold temp=20°C
Expansion= $45 \times 0.000132 \times (250 - 20)$
=0.14mm