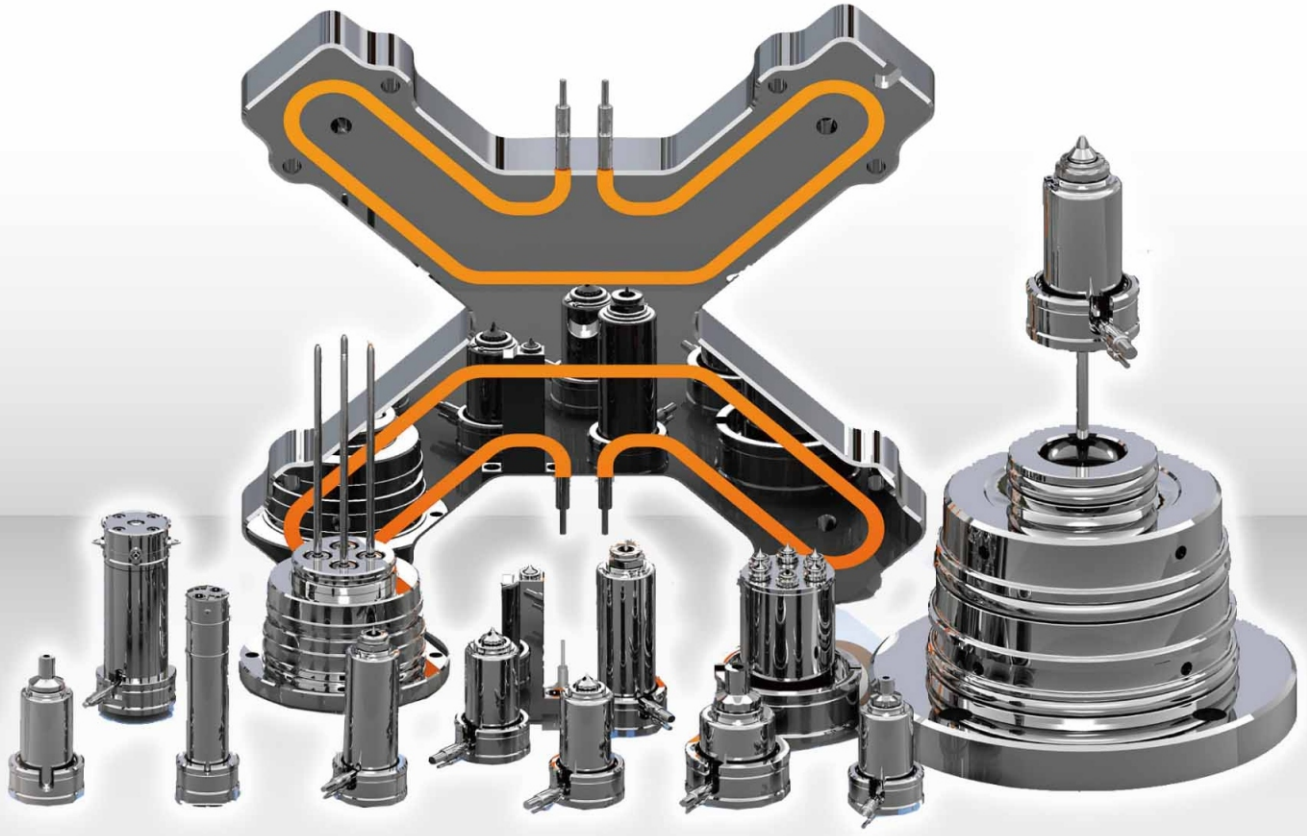


Hot Runner Systems
熱流道系統

Simple Solution

SHINI

Contents

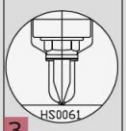
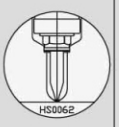
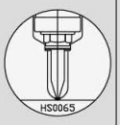
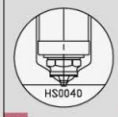
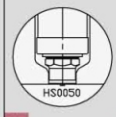
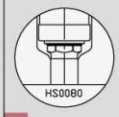
System Selection Guide
系統選擇指南

1 X12不可用
Not available in X12

2 X18不可用
Not available in X18

3 X25與X35不可用
Not available in X25 and X35

符号Key	嘴型的适合性 Tip Suitability
√	可用 Available
★★★★	非常可用 Highest rating
X	不可用Not Available

	嘴尖 TIPS	級別Grades			嘴尖類型 Nut Style			可用性Features		塑料(見3頁) Plastic (Refer to page 3)		
		G1	G4	G5	ONT	BN BE	SN SX / SL	產品質量 Gate Quality	流動性 Flow Rate	容易 Easy	普通 Medium	困難 Difficult
普遍選型 Thermal Gate	S 多孔嘴尖 Multi Hole Torpedo Tip	√	√	√				★★★	★★	★★★★	★★★★	★★★★
	S+5 加長嘴尖 Extended Torpedo Tip	√	√	X	 3	X	X	★★★	★★	★★★★	★★	X
	S+10 加長嘴尖 Extended Torpedo Tip	√	√	X		X	X	★★★	★	★★★★	★	
	I 單孔嘴尖 Single Hole Torpedo Tip	√	√	√				★★★	★★	★★★★	★★★★	★★★
	I+5 加長嘴尖 Extended Torpedo Tip	√	√	X	 3	X	X	★★★	★★	★★★★	★★	X
	I+10 加長嘴尖 Extended Torpedo Tip	√	√	X		X	X	★★★	★	★★★★	★	X
	O 開放嘴尖 Open Tip	√	X	√ 2				★★	★★★	★★★★	★★★	★
針閥選型 Valve Gate	V 針閥嘴尖 Torpedo Tip	√	X	X	 1	 1	 1	★★★★	★★★★	★★★★	★★★	★
	VV 開放嘴尖 Open Tip	√	X	√ 2		 1	 1	★★★★	★★★★	★★★★	★★★	★

Some Nozzle Types Selection
部分嘴型的選擇

1 G5不可用
Not available in G5

2 G2衹在某些產品可用
Only available in G2

符號 Key	嘴型的適合性 Tip Suitability
✓	合適 Suitable
G5	非常適合G5嘴型 Very suitable with Grade 5 tips only
⊙	指定嘴型 Application dependant
G5	Appl指定嘴型與G5嘴型 ication dependant and Grade 5 tip only
X	不合適 Not suitable

	原料種類 Material Category	噴嘴系列與嘴型 Nozzle Series and Tip							
		12		18		25		35	
		SI	OVV	SIV**1**	OVV	SIV**1**	OVV	SIV**1**	OVV
容易 Easy	PP	✓	✓	✓	✓	✓	✓	✓	✓
	PE	✓	✓	✓	✓	✓	✓	✓	✓
	PS	✓	✓	✓	✓	✓	✓	✓	✓
	SB	✓	✓	✓	✓	✓	✓	✓	✓
	EVA	✓	✓	✓	✓	✓	✓	✓	✓
普通 Medium	ABS	✓	✓	✓	✓	✓	✓	✓	✓
	AS	✓	✓	✓	✓	✓	✓	✓	✓
	POM	✓	✓	✓	✓	✓	✓	✓	✓
	SAN	✓	✓	✓	✓	✓	✓	✓	✓
	PA6	✓	X	✓	X	✓	X	✓	X
	PMMA	✓	⊙	✓	✓	✓	✓	✓	✓
	ASA	✓	⊙	✓	✓	✓	✓	✓	✓
	TPE	✓	⊙	✓	✓	✓	✓	✓	✓
困難 Difficult	PA66	✓	X	✓	X	✓	X	✓	X
	PBT	✓	X	✓	X	✓	X	✓	X
	PC	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PPS	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PPE	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PPU	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PET	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PES	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PPO	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	LCP	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PEI	✓	⊙	✓	⊙	✓	⊙	✓	⊙
	PP + FILL	X	X	G5	X	G5	G5	G5	G5
	PA + FILL	X	X	G5	X	G5	X	G5	X
	SAN + FILL	X	X	G5	X	G5	G5	G5	G5
	PA66+FILL	X	X	G5	X	G5	X	G5	X
	PBT + FILL	X	X	G5	X	G5	G5	G5	G5
	PC + FILL	X	X	G5	X	G5	G5	G5	G5
	PPS + FILL	X	X	G5	X	G5	G5	G5	G5
	PPE + FILL	X	X	G5	X	G5	G5	G5	G5
	PPU + FILL	X	X	G5	X	G5	G5	G5	G5
	PET + FILL	X	X	G5	X	G5	G5	G5	G5

SHINI

■ SHS12-I TYPE "S" Φ12 mm

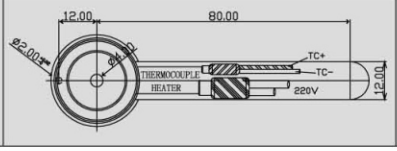
編碼原則

S H S 12 □ □

- 單嘴/多嘴 S/M Nozzle
- 咀身長度 Nozzle length
- 咀身大小 Nozzle size
- 表示嘴尖類型 Topless tip
- 熱流道 Hot runner
- 信舟 SHINZO

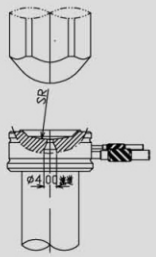
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.

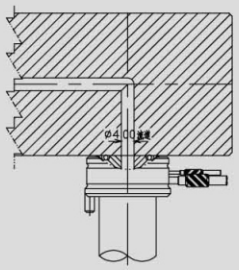


可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE□
HS0060	0.8-1.5	HS0070	1.0-1.5

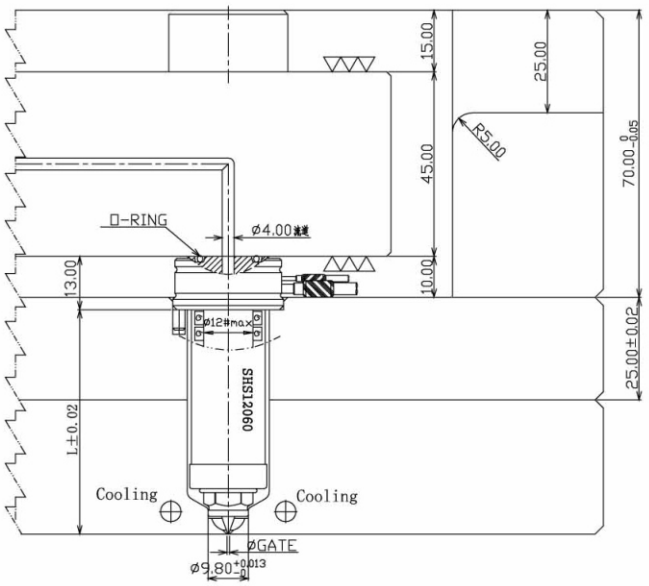
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環
O-RING OR-806 Required

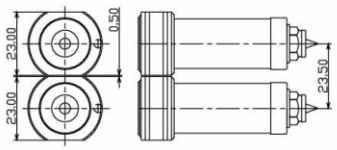


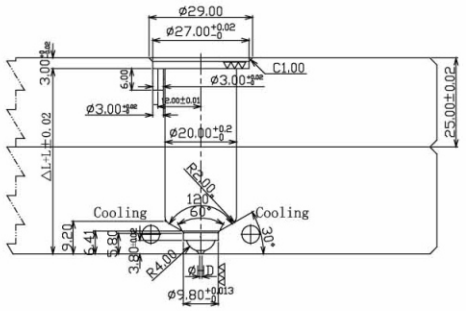
可互換嘴型
TRANSFER TIP #

SEAL A SEAL B SEAL C



熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION							
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)
SHS12060	60	CH12050200W	SHT10100J/K	SHS12140	140	CH18137440W	SHT10150J/K
SHS12080	80	CH12070250W	SHT10100J/K				
SHS12100	100	CH12090300W	SHT10100J/K				
SHS12120	120	CH12110360W	SHT10120J/K				

加熱至所需溫度(△L)
膨脹量計算公式
THERMAL EXPANSION CALCULATION

L1=L+TE TE=LxTxZ Z=13.2x10^{-6}

說明：TE=膨脹量
THERMAL EXPANSION(mm)
T=熱嘴溫度 減一般室温
T=NOZZLE TEMP-ROOM TEMP
Z=膨脹係數
EXPANSION COEFFICIENT

■ SHS12-I TYPE "S" Φ12 mm

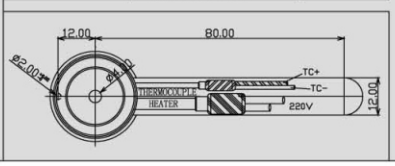
編碼原則

S H SO 12 □ □

- S: SHINZO 信舟
- H: Hot runner 熱流道
- SO: Topless tip 表示嘴尖類型
- 12: Nozzle size 咀身大小
- □: Nozzle length 咀身長度
- □: S/M Nozzle 單嘴/多嘴

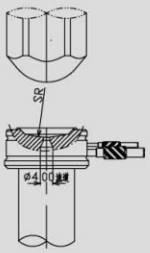
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



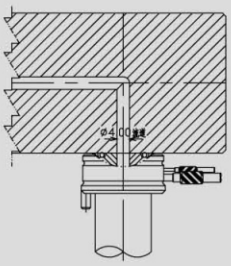
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

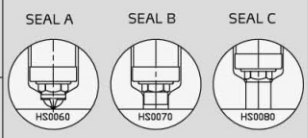
熱嘴需加OR-806"O"形環
O-RING OR-806 Required

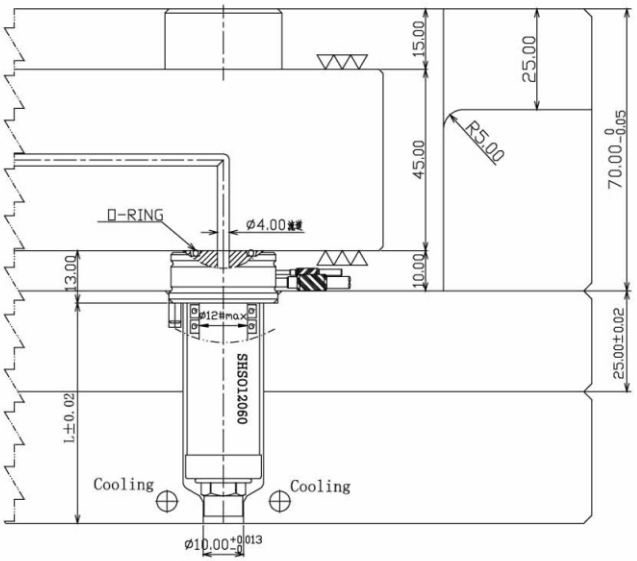


可互換密封套
TRANSFER SEAL #

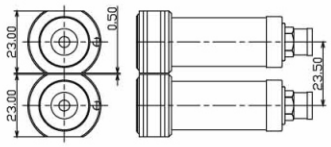
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0060	0.8-1.5	HS0070	1.0-1.5

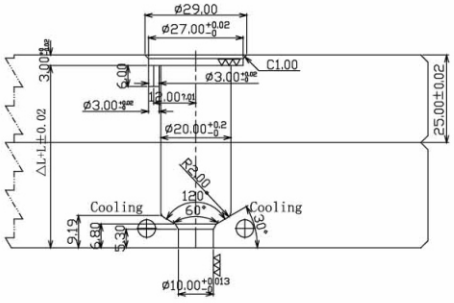
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION							
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)
SHSO12060	60	CH12050180W	SHT10100J/K	SHS12140	140	CH18137440W	SHT10150J/K
SHSO12080	80	CH12070240W	SHT10100J/K				
SHSO12100	100	CH12090300W	SHT10100J/K				
SHSO12120	120	CH12110360W	SHT10120J/K				

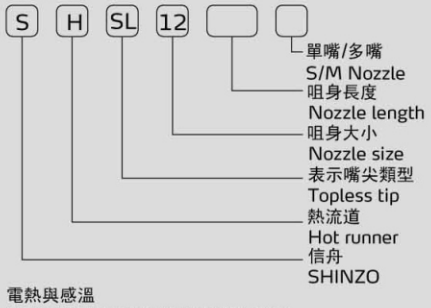
加熱至所需溫度（△L）膨脹量計算公式
THERMAL EXPANSION CALCULATION

$L1=L+TE$ $TE=LxTxZ$ $Z=13.2x10^{-6}$

說明：TE=膨脹量
THERMAL EXPANSION(mm)
T=熱嘴溫度 減 一般室温
T=NOZZLE TEMP-ROOM TEMP
Z=膨脹係數
EXPANSION COEFFICIENT

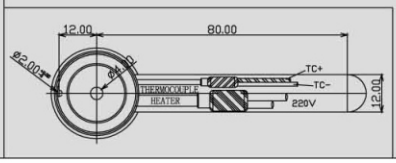
■ SHS12-I TYPE "S" Φ12 mm

編碼原則



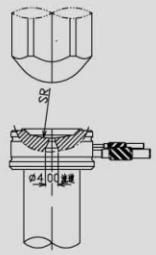
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



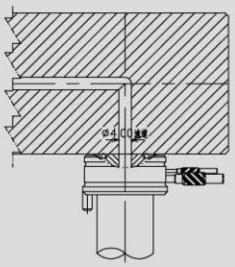
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

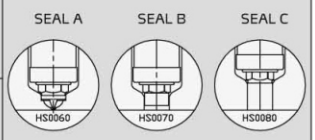
熱嘴需加OR-806"O"形環
O-RING OR-806 Required

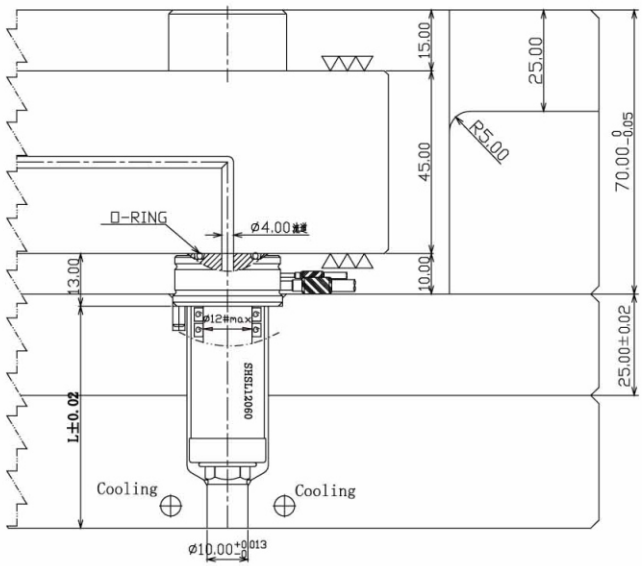


可互換密封套
TRANSFER SEAL #

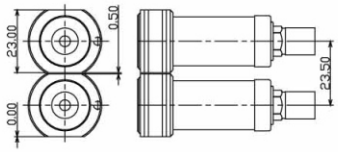
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0060	0.8-1.5	HS0070	1.0-1.5

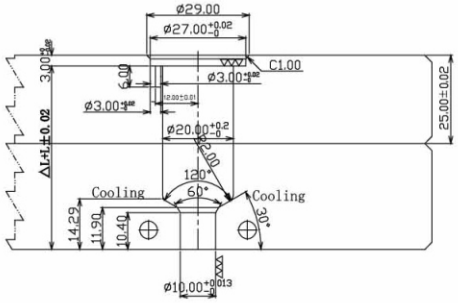
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHSL12060	60	CH12050140W	SHT10100J/K	SHSL12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHSL12080	80	CH12070200W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHSL12100	100	CH12090280W	SHT10100J/K					
SHSL12120	120	CH12110340W	SHT10120J/K					

■ SHS12-I TYPE "S" Φ12 mm

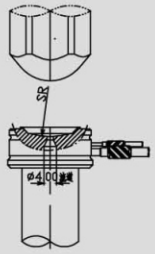
編碼原則

S H S5 12 □ □

- S: 信舟 SHINZO
- H: 熱流道 Hot runner
- S5: 表示嘴尖類型 Topless tip
- 12: 咀身大小 Nozzle size
- □: 咀身長度 Nozzle length
- □: 單嘴/多嘴 S/M Nozzle

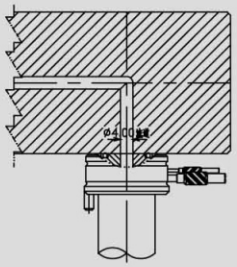
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



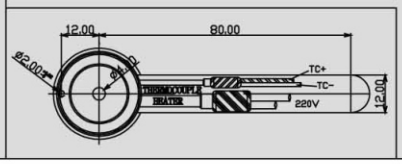
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環
O-RING OR-806 Required



電熱與感溫
HEATER AND THERMOCOUPLE

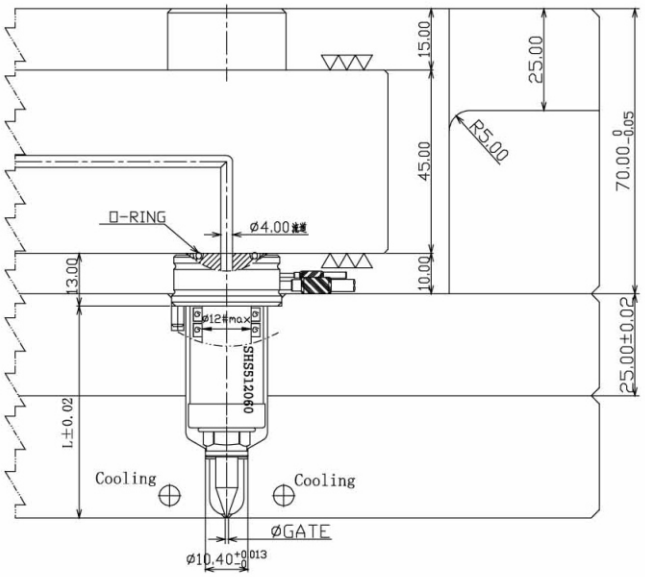
電熱 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



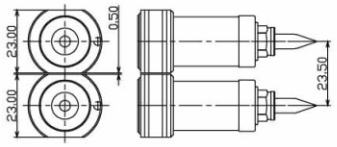
可互換密封套
TRANSFER SEAL #

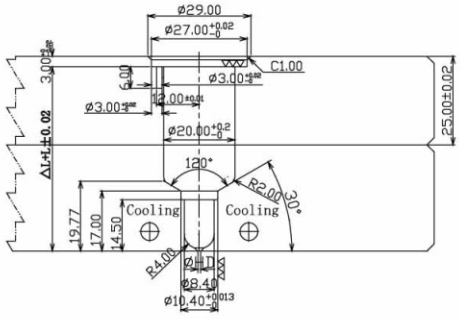
密封套A SEAL A	澆口 GATE □
HS0061	0.8-1.5

SEAL A



熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHS512060	60	CH12050140W	SHT10100J/K	SHS12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHS512080	80	CH12070200W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHS512100	100	CH12090270W	SHT10100J/K					
SHS512120	120	CH12110340W	SHT10120J/K					

■ SHS12-I TYPE "S" Φ12 mm

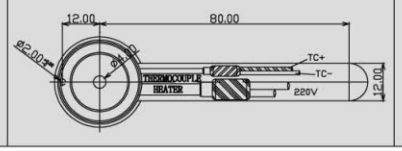
編碼原則

S H S10 12 □ □

- S — 信舟 SHINZO
- H — 熱流道 Hot runner
- S10 — 表示嘴尖類型 Topless tip
- 12 — 咀身大小 Nozzle size
- □ — 咀身長度 Nozzle length
- □ — 單嘴/多嘴 S/M Nozzle

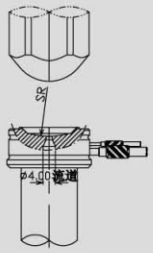
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



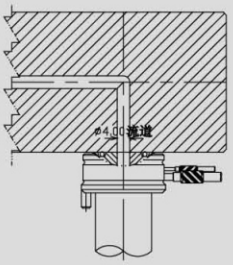
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



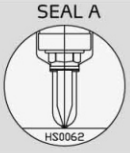
● 多嘴用 M
M For multi nozzle

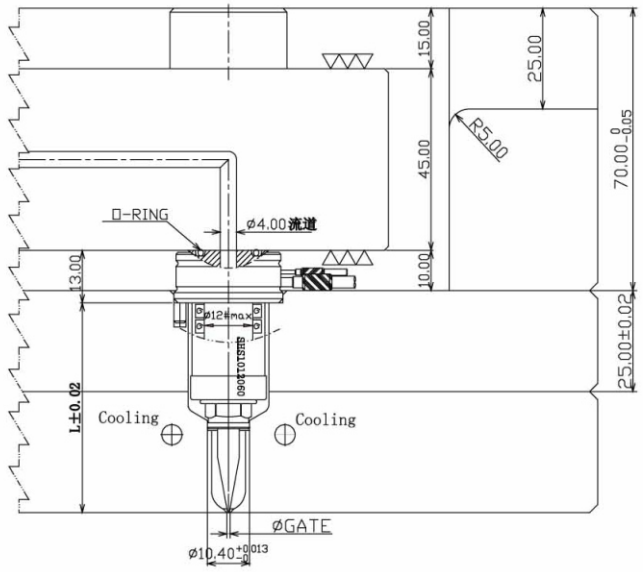
熱嘴需加OR-806"O"形環
O-RING OR-806 Required



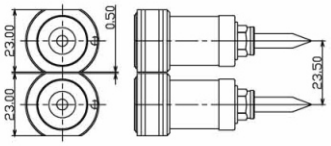
可互換密封套 TRANSFER SEAL #	
密封套A SEAL A	澆口 GATE □
HS0062	0.8-1.5

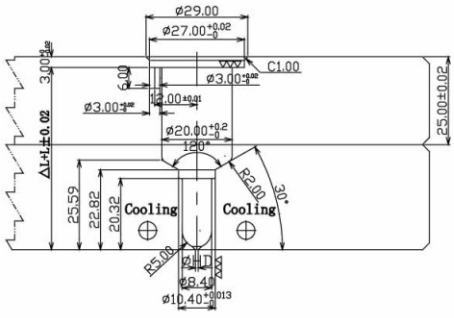
SEAL A





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHS1012060	60	CH12050140W	SHT10100J/K	SHS12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHS1012080	80	CH12070200W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHS1012100	100	CH12090270W	SHT10100J/K					
SHS1012120	120	CH12110340W	SHT10120J/K					

■ SHI12-I TYPE "I" Φ12 mm

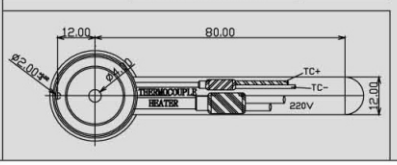
編碼原則

S H IS 12 □ □

- S: SHINZO
- H: Hot runner 熱流道
- IS: Topless tip 表示嘴尖類型
- 12: Nozzle size 咀身大小
- □: Nozzle length 咀身長度
- □: S/M Nozzle 單嘴/多嘴

電熱與感溫
HEATER AND THERMOCOUPLE

電熱 HEATER	褐色/黑色 BROWN/BLACK	输出电压 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-

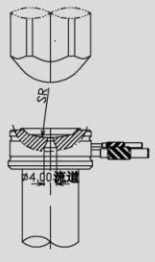


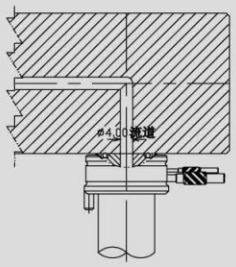
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供. 熱嘴需加OR-806"O"形環
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.

O-RING OR-806 Required

● 多嘴用 M
M For multi nozzle

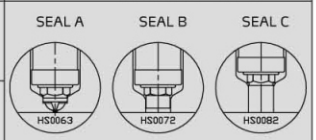


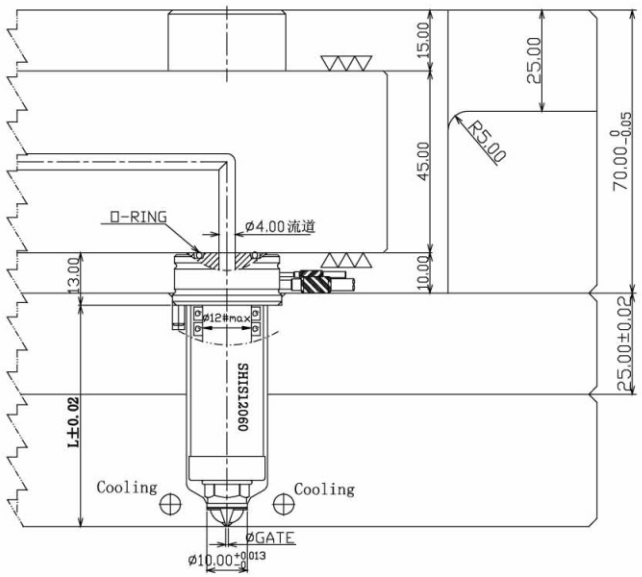


可互換密封套
TRANSFER SEAL #

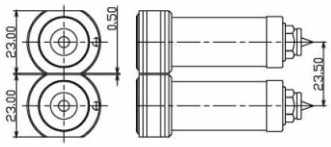
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0063	0.8-1.5	HS0072	1.0-1.5

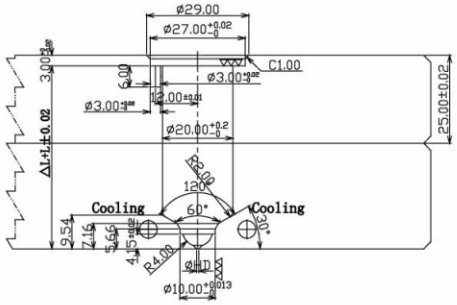
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHIS12060	60	CH12050180W	SHT10100J/K	SHIS12140	140	CH18137460W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHIS12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室温 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHIS12100	100	CH12090320W	SHT10100J/K					
SHIS12120	120	CH12110380W	SHT10120J/K					

■ SHI12-I TYPE "I" Φ12 mm

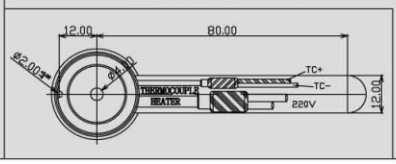
編碼原則

S H IO 12 □ □

- S — 信舟 SHINZO
- H — 熱流道 Hot runner
- IO — 表示嘴尖類型 Topless tip
- 12 — 咀身大小 Nozzle size
- □ — 咀身長度 Nozzle length
- □ — 單嘴/多嘴 S/M Nozzle

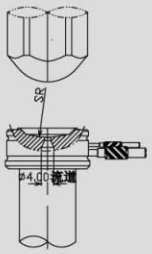
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



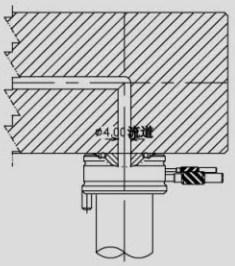
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

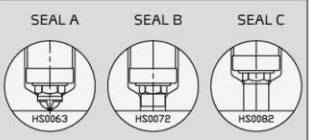
熱嘴需加OR-806"O"形環
O-RING OR-806 Required

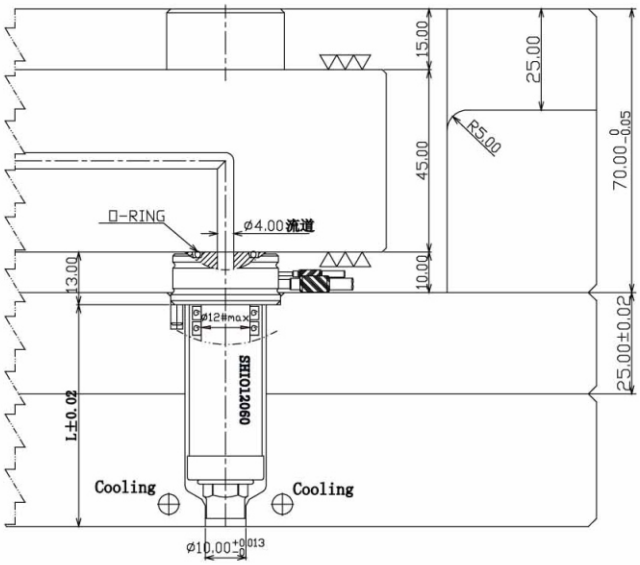


可互換密封套
TRANSFER SEAL #

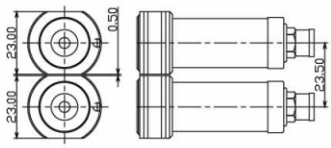
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0063	0.8-1.5	HS0072	1.0-1.5

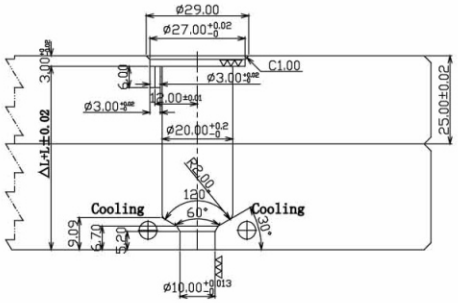
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHIO12060	60	CH12050180W	SHT10100J/K	SHIS12140	140	CH18137460W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHIO12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHIO12100	100	CH12090320W	SHT10100J/K					
SHIO12120	120	CH12110380W	SHT10120J/K					

■ SHI12-I TYPE "I" Φ12 mm

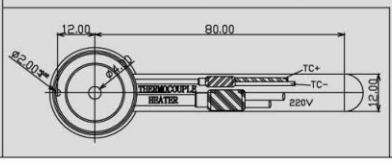
編碼原則

S H IL 12 □ □

- S: 信舟 SHINZO
- H: 熱流道 Hot runner
- IL: 表示嘴尖類型 Topless tip
- 12: 咀身大小 Nozzle size
- □: 咀身長度 Nozzle length
- □: 單嘴/多嘴 S/M Nozzle

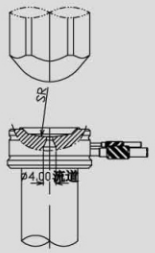
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



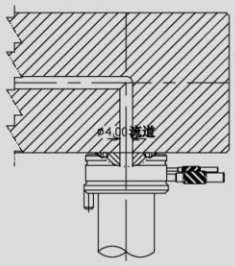
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

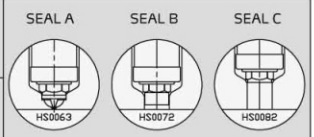
熱嘴需加OR-806"O"形環
O-RING OR-806 Required

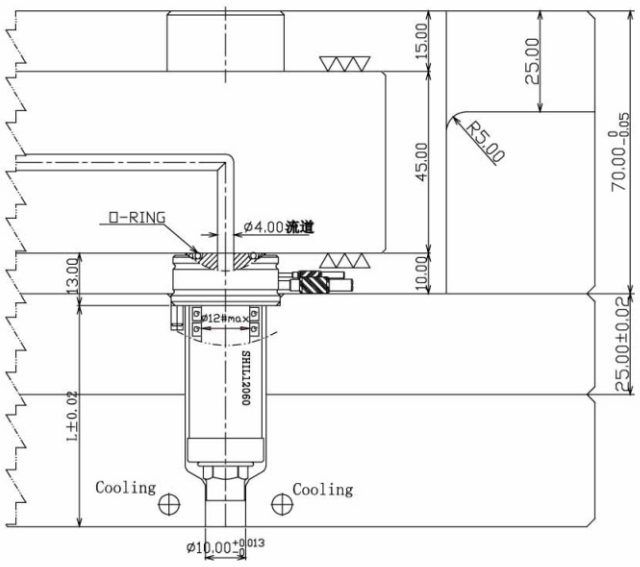


可互換密封套
TRANSFER SEAL #

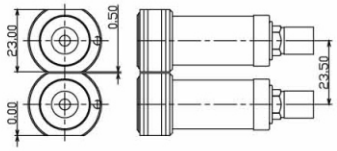
密封套A SEAL A	澆口 GATE□	密封套B SEAL B	澆口 GATE□
HS0063	0.8-1.5	HS0072	1.0-1.5

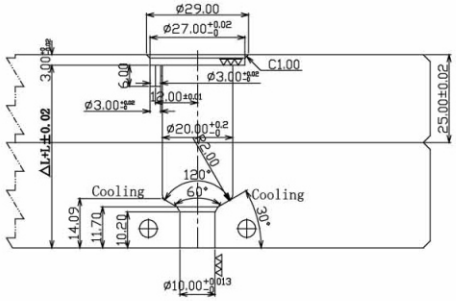
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/ NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHIL12060	60	CH12050200W	SHT10100J/K	SHIL12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHIL12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室温 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHIL12100	100	CH12090300W	SHT10100J/K					
SHIL12120	120	CH12110360W	SHT10120J/K					

■ SHI12-I TYPE "I" Φ12 mm

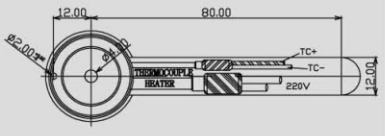
編碼原則

S H I5 12 □ □

- S: SHINZO 信舟
- H: Hot runner 熱流道
- I5: Topless tip 表示嘴尖類型
- 12: Nozzle size 咀身大小
- □: Nozzle length 咀身長度
- □: S/M Nozzle 單嘴/多嘴

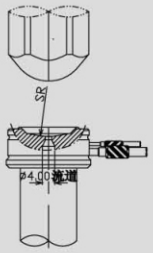
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



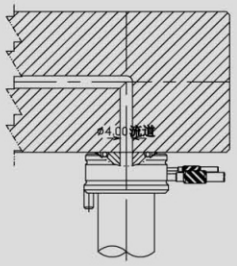
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

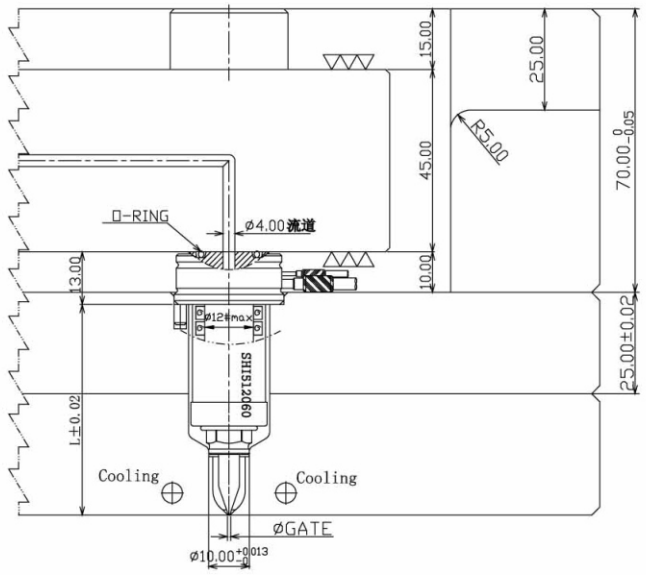
熱嘴需加OR-806"O"形環
O-RING OR-806 Required



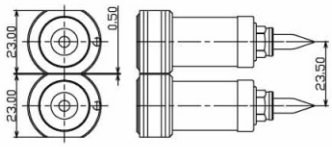
可互換密封套
TRANSFER SEAL #

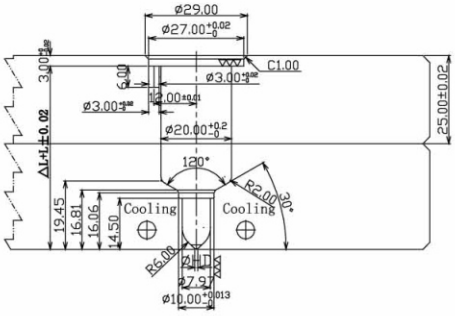
密封套A SEAL A	澆口 GATE □
HS0064	0.8-1.2

SEAL A



熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHI512060	60	CH12050140W	SHT10100J/K	SHI512140	140	CH18137400W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHI512080	80	CH12070200W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHI512100	100	CH12090270W	SHT10100J/K					
SHI512120	120	CH12110340W	SHT10120J/K					

■ SHI12-I TYPE "I" Φ12 mm

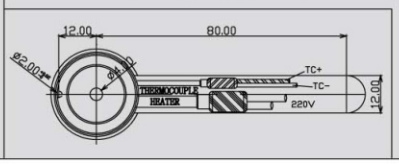
編碼原則

S H I10 12 □ □

- S 信舟 SHINZO
- H 熱流道 Hot runner
- I10 表示嘴尖類型 Topless tip
- 12 咀身大小 Nozzle size
- □ 咀身長度 Nozzle length
- □ 單嘴/多嘴 S/M Nozzle

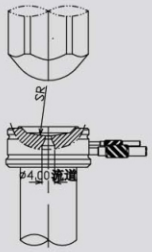
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



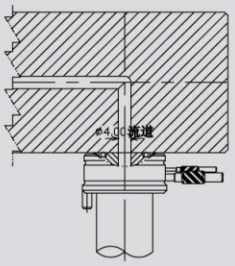
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

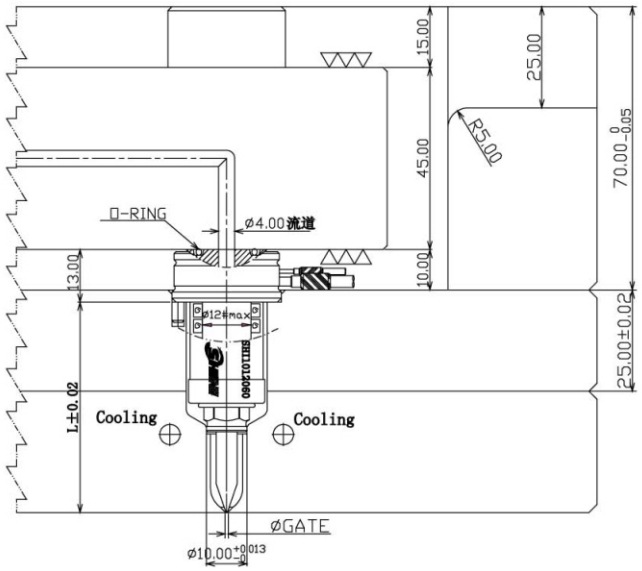
熱嘴需加OR-806"O"形環
O-RING OR-806 Required



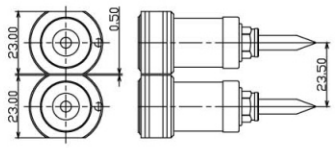
可互換密封套
TRANSFER SEAL #

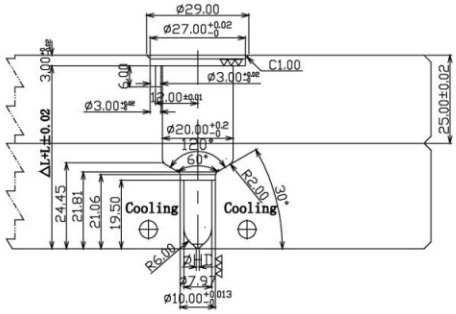
密封套A SEAL A	澆口 GATE □
HS0065	0.8-1.2

SEAL A



熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHI1012060	60	CH12050140W	SHT10100J/K	SHI512140	140	CH18137400W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHI1012080	80	CH12070200W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室温 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHI1012100	100	CH12090270W	SHT10100J/K					
SHI1012120	120	CH12110340W	SHT10120J/K					

■ SHO12-I TYPE "O" Φ12 mm

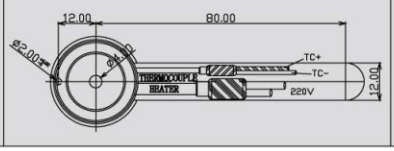
編碼原則

S H O 12 □ □

- S: 單嘴/多嘴 S/M Nozzle
- H: 咀身長度 Nozzle length
- 12: 咀身大小 Nozzle size
- O: 表示嘴尖類型 Topless tip
- H: 熱流道 Hot runner
- S: 信舟 SHINZO

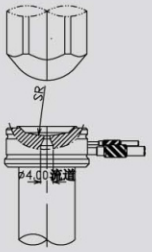
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 單嘴用 S
S For single nozzle

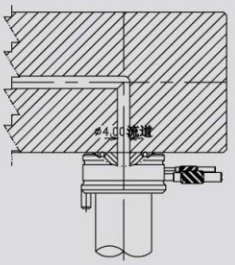
標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

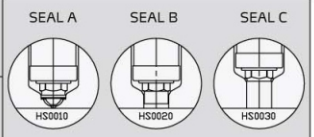
熱嘴需加OR-806"O"形環

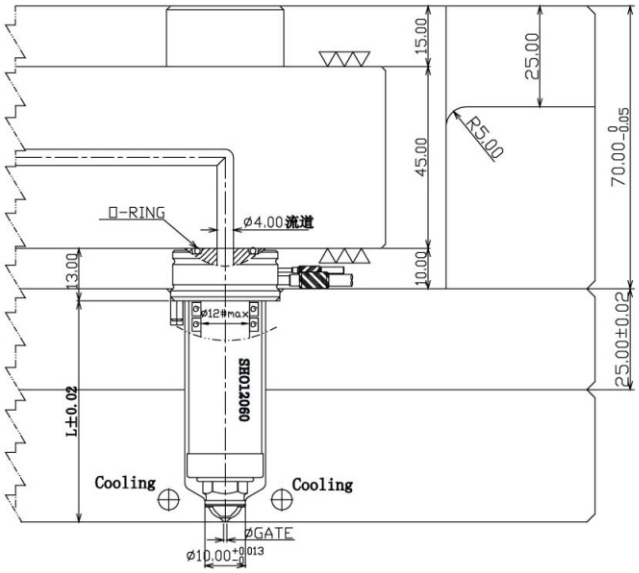
O-RING OR-806 Required



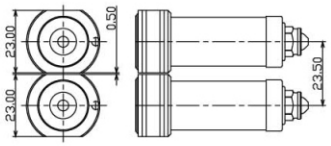
可互換密封套 TRANSFER SEAL #			
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0010	1.0-2.0	HS0020	1.0-2.5

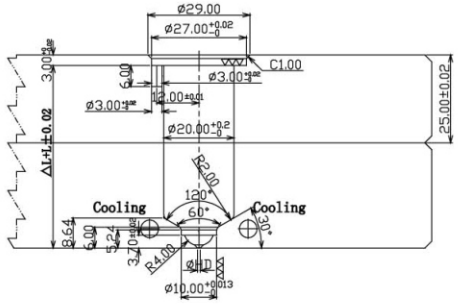
可互換嘴型 TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHO12060	60	CH12050180W	SHT10100J/K	SHO12140	140	CH18137460W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHO12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室温 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHO12100	100	CH12090320W	SHT10100J/K					
SHO12120	120	CH12110380W	SHT10120J/K					

■ SHO12-I TYPE "I" Φ12 mm

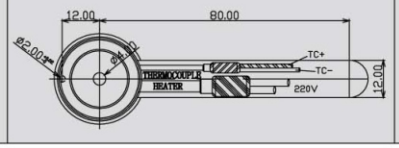
編碼原則

S H OT 12 □ □

- S — SHINZO 信舟
- H — Hot runner 熱流道
- OT — Topless tip 表示嘴尖類型
- 12 — Nozzle size 咀身大小
- □ — Nozzle length 咀身長度
- □ — S/M Nozzle 單嘴/多嘴

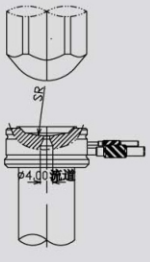
電熱與感溫
HEATER AND THERMOCOUPLE

電熱 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	紅色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



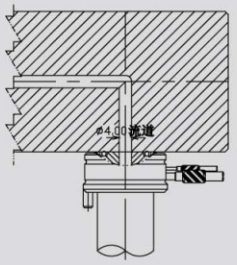
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

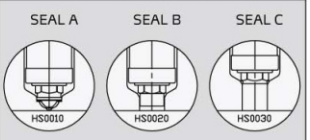
熱嘴需加OR-806"O"形環
O-RING OR-806 Required

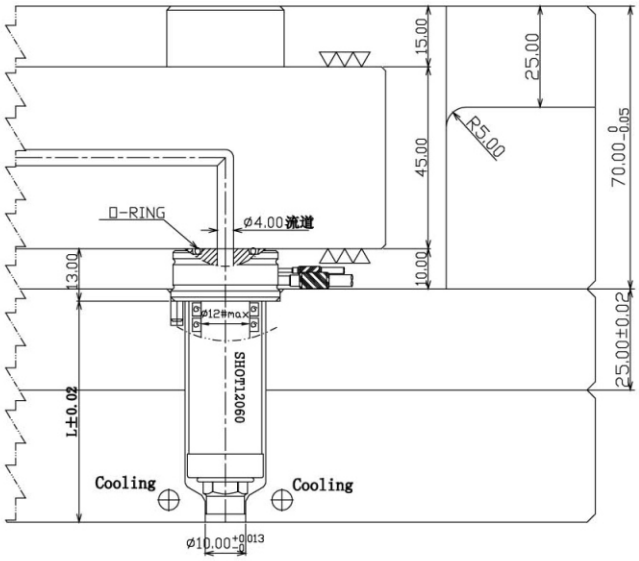


可互換密封套
TRANSFER SEAL #

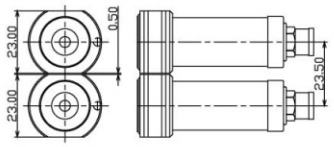
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0010	1.0-2.0	HS0020	1.0-2.5

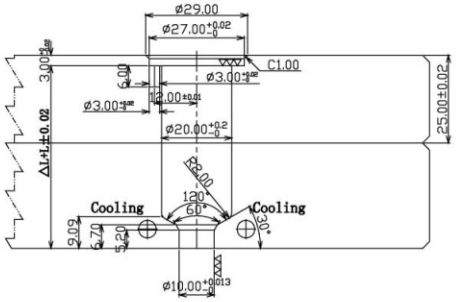
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需温度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHOT12060	60	CH12050200W	SHT10100J/K	SHOT12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10⁻⁶
SHOT12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHOT12100	100	CH12090300W	SHT10100J/K					
SHOT12120	120	CH12110360W	SHT10120J/K					

■ SHO12-I TYPE "O" Φ12 mm

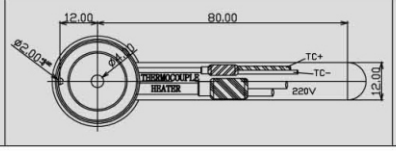
編碼原則

S H OL 12 □ □

- S: SHINZO
- H: 熱流道 Hot runner
- OL: 表示嘴尖類型 Topless tip
- 12: 咀身大小 Nozzle size
- □: 咀身長度 Nozzle length
- □: 單嘴/多嘴 S/M Nozzle

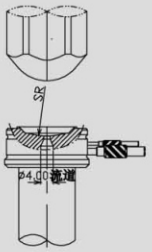
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



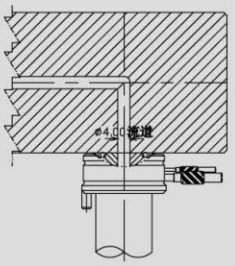
● 單嘴用 S
S For single nozzle

標準規格R=21.0mm，其他規格由客戶提供.
Standard speicfication is 21.0mm and ohter specifications are provided by the clients.



● 多嘴用 M
M For multi nozzle

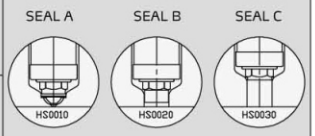
熱嘴需加OR-806"O"形環
O-RING OR-806 Required

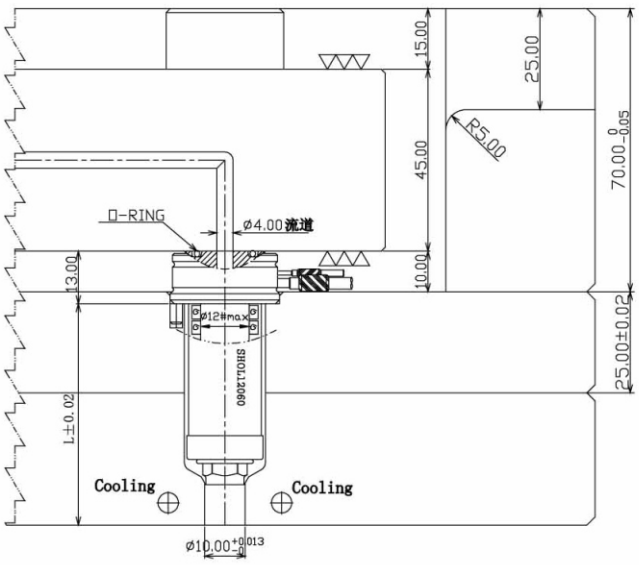


可互換密封套
TRANSFER SEAL #

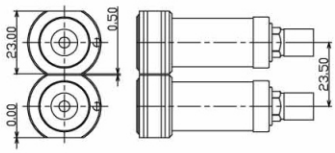
密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0010	1.0-2.0	HS0020	1.0-2.5

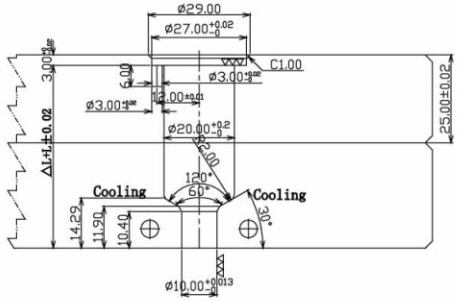
可互換嘴型
TRANSFER TIP #





熱咀最小間距
Minimum Nozzle Pitch.





熱咀長度與功率的選擇/ NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHOL12060	60	CH12050200W	SHT10100J/K	SHOL12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHOL12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHOL12100	100	CH12090300W	SHT10100J/K					
SHOL12120	120	CH12110360W	SHT10120J/K					

MVG Valve Gate System

氣缸特徵 MVG FEATURES

模具設計
Mould Design

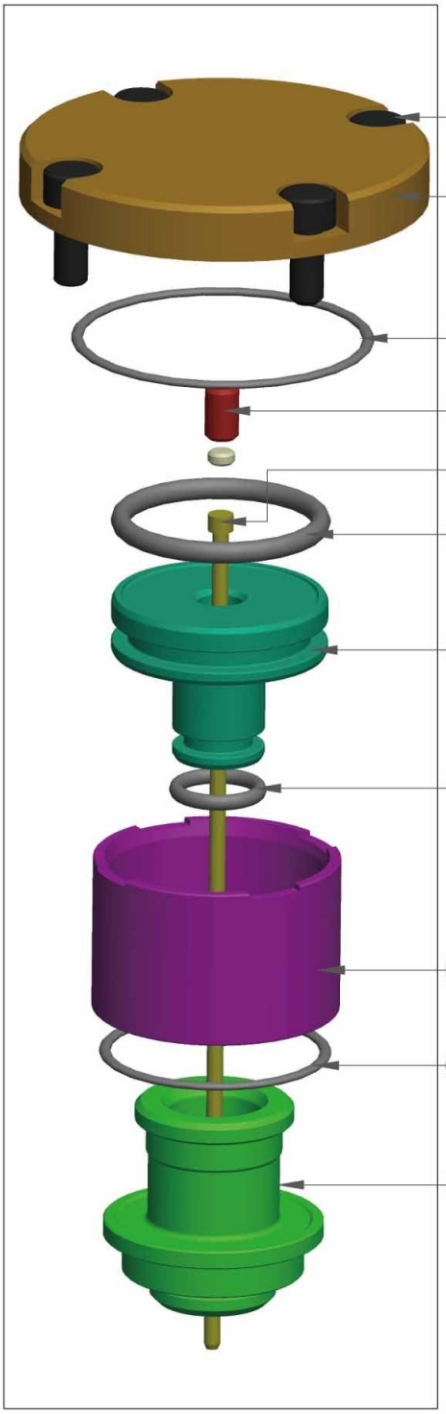
- 使用Mx和BX噴嘴
  Avaliable for Mx AND BX Nozzles
- 最小俯仰为75mm可修改FIR 58mm俯仰
  Minimal pitching is 75mm-can be modified to fir 58mm pitching
- 易于加工的口徑
  Easy machining of the pockets
- 气动迴路与顶板集成
  Pneumatic circuit integrated with the backplate

成型好處
Moulding Benefits

- 部分質量改進
  Improved part quality
- 降低注塑壓力
  Reduced moulding pressure
- 增加成型窗口
  Increased moulding window
- 在下模部分質量較好填充
  壓力的結果 Lower mould filling stress results in better part quality
- 減少澆口冷却要求 Reduced gate cooling requirements
- 在下模部分質量較好填充
  压力的结果 Lower mould filling stress results in better part quality

安裝和維護
Installation and maintenance

- 易于加工和安裝
  Easy machining and installation
- 易銷調整和密封更換模具組裝時仍
  Easy pin adjustment and seal replacement while the mould remains assemble



■ SHV12-I TYPE "V" Φ12 mm

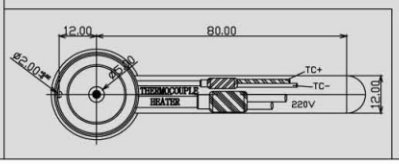
編碼原則

S H V 12 □ □

- 單嘴/多嘴 S/M Nozzle
- 咀身長度 Nozzle length
- 咀身大小 Nozzle size
- 表示嘴尖類型 Topless tip
- 熱流道 Hot runner
- 信舟 SHINZO

電熱與感溫
HEATER AND THERMOCOUPLE

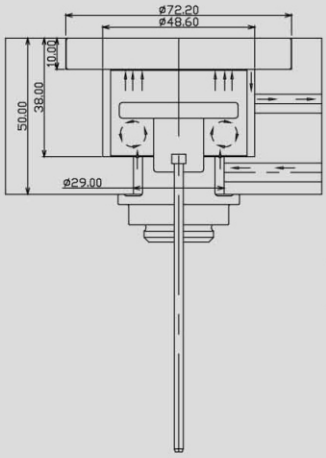
電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 气缸选择
Cylinder the selection

规格 SHCY-38

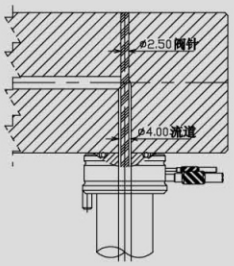
Standard SHCY-38



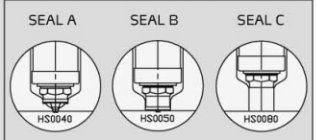
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環

O-RING OR-806 Required

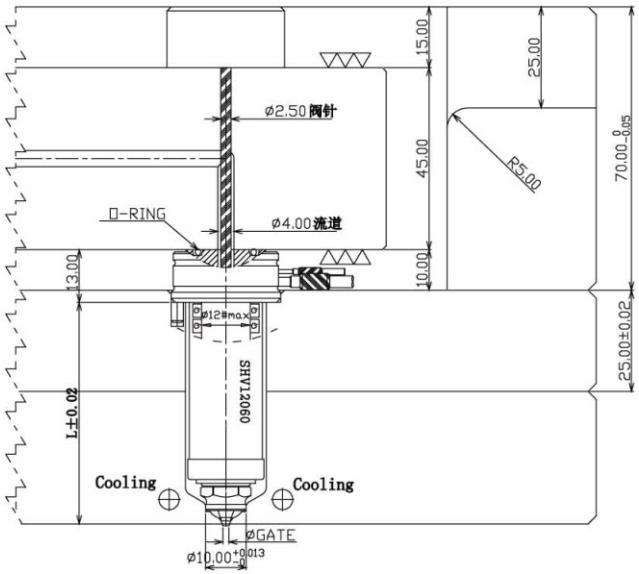


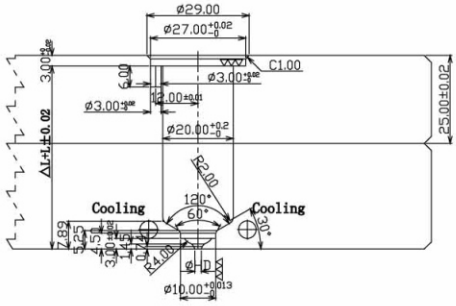
可互換嘴型
TRANSFER TIP #



可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0040	0.8-1.5	HS0050	1.0-1.5





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHV12060	60	CH12050180W	SHT10100J/K	SHV12140	140	CH18137440W	SHT10150J/K	$L1=L+TE$ $TE=LxTxZ$ $Z=13.2x10^{-6}$
SHV12080	80	CH12070240W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室温 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHV12100	100	CH12090300W	SHT10100J/K					
SHV12120	120	CH12110360W	SHT10120J/K					

■ SHV12-I TYPE "V" Φ12 mm

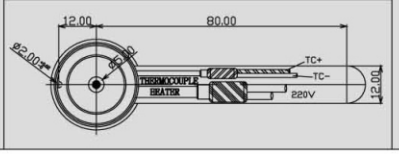
編碼原則

S H VT 12 □ □

- S: 單嘴/多嘴 S/M Nozzle
- □: 咀身長度 Nozzle length
- 12: 咀身大小 Nozzle size
- VT: 表示嘴尖類型 Topless tip
- H: 熱流道 Hot runner
- S: 信舟 SHINZO

電熱與感溫
HEATER AND THERMOCOUPLE

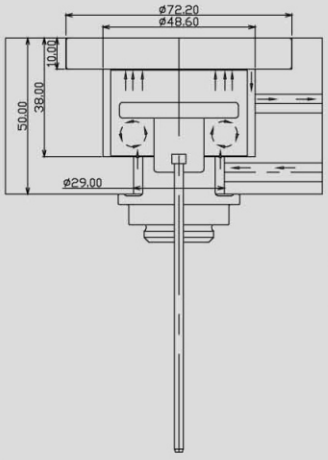
電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 气缸选择
Cylinder the selection

规格 SHCY-38

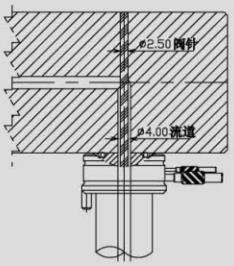
Standard SHCY-38



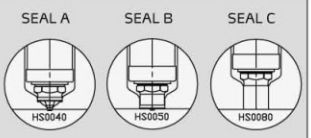
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環

O-RING OR-806 Required

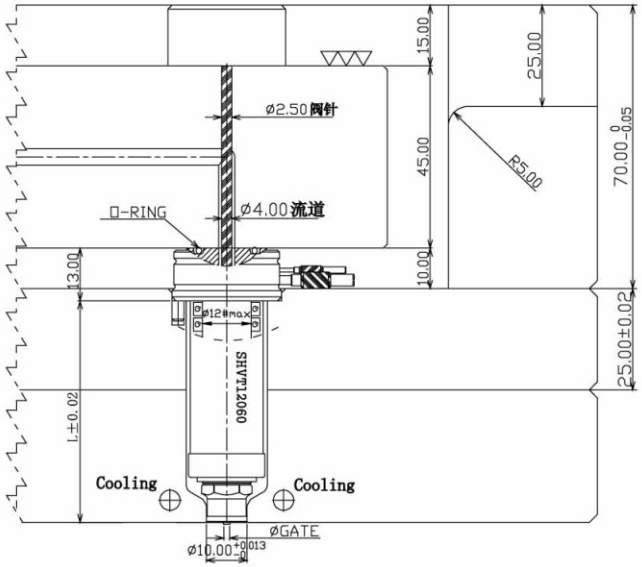


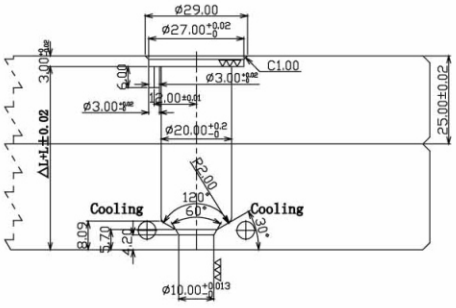
可互換嘴型
TRANSFER TIP #



可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0040	0.8-1.5	HS0050	1.0-1.5





熱咀長度與功率的選擇/ NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHVT12060	60	CH12050180W	SHT10100J/K	SHVT12140	140	CH18137440W	SHT10150J/K	$L1=L+TE\ TE=LxTxZ\ Z=13.2x10^{-6}$
SHVT12080	80	CH12070240W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHVT12100	100	CH12090300W	SHT10100J/K					
SHVT12120	120	CH12110360W	SHT10120J/K					

■ SHV12-I TYPE "V" Φ12 mm

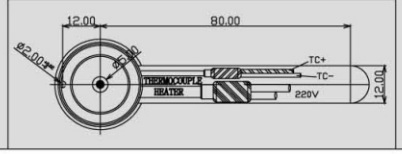
編碼原則

S H V 12 □ □

- S: SHINZO 信舟
- H: Hot runner 熱流道
- V: Topless tip 表示嘴尖類型
- 12: Nozzle size 咀身大小
- □: Nozzle length 咀身長度
- □: S/M Nozzle 單嘴/多嘴

電熱與感溫
HEATER AND THERMOCOUPLE

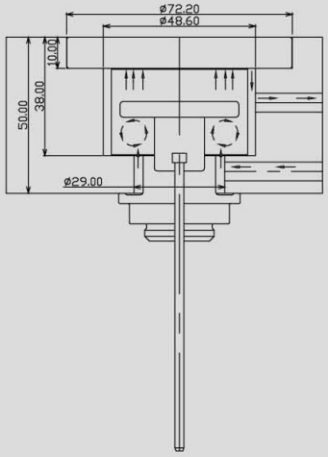
電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 气缸选择
Cylinder the selection

规格 SHCY-38

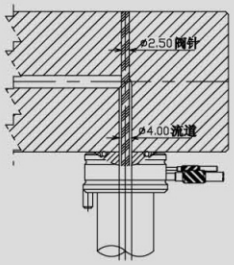
Standard SHCY-38



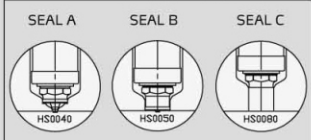
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環

O-RING OR-806 Required

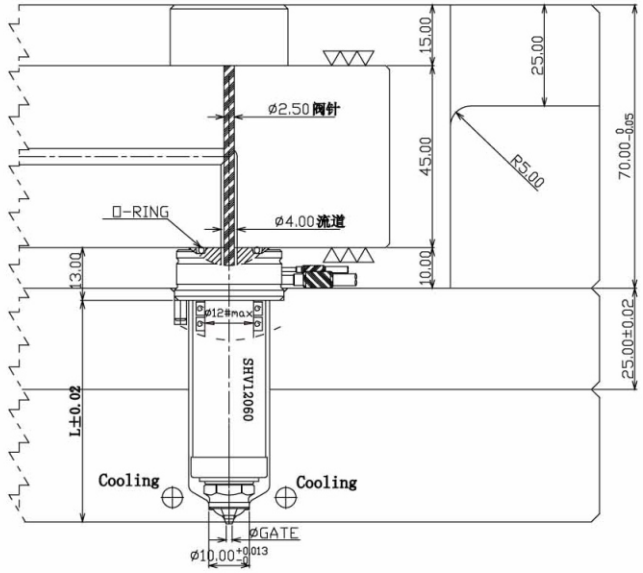


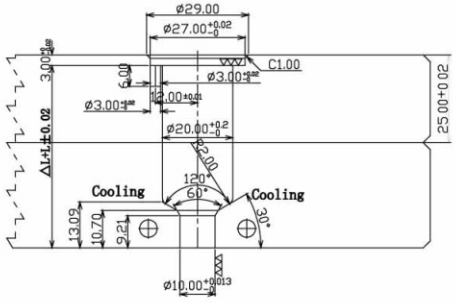
可互換嘴型
TRANSFER TIP #



可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0050	1.0-1.5	HS0080	1.0-2.0





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHV12060	60	CH12050200W	SHT10100J/K	SHV12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHV12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHV12100	100	CH12090300W	SHT10100J/K					
SHV12120	120	CH12110360W	SHT10120J/K					

■ SHV12-I TYPE "V" Φ12 mm

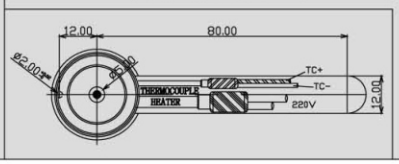
編碼原則

S H VT 12 □ □

- S: 單嘴/多嘴 S/M Nozzle
- H: 咀身長度 Nozzle length
- 12: 咀身大小 Nozzle size
- VT: 表示嘴尖類型 Topless tip
- □: 熱流道 Hot runner
- □: 信舟 SHINZO

電熱與感溫
HEATER AND THERMOCOUPLE

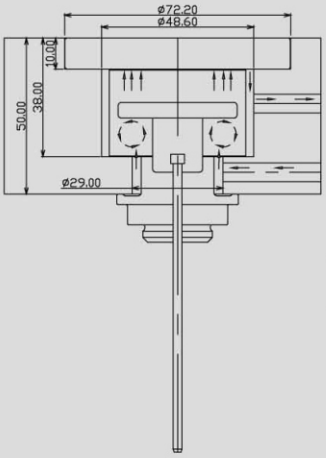
電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 气缸选择
Cylinder the selection

规格 SHCY-38

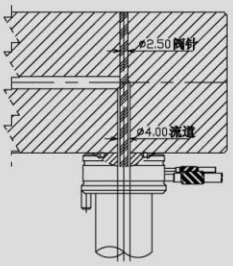
Standard SHCY-38



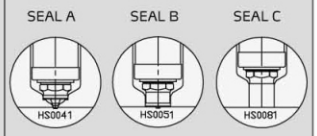
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環

O-RING OR-806 Required

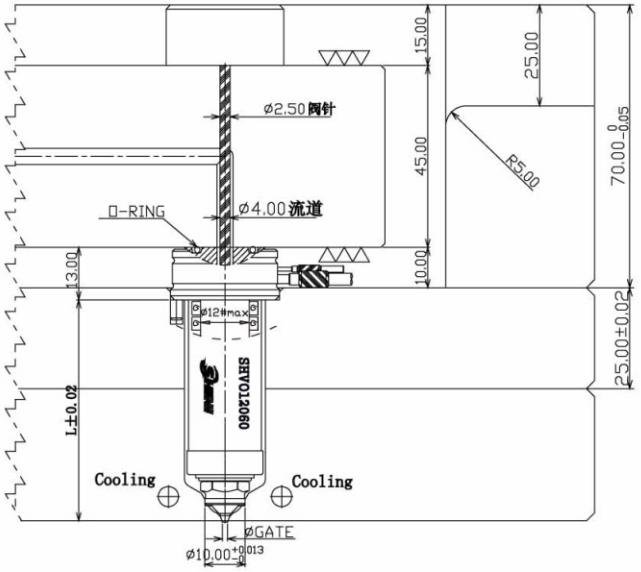


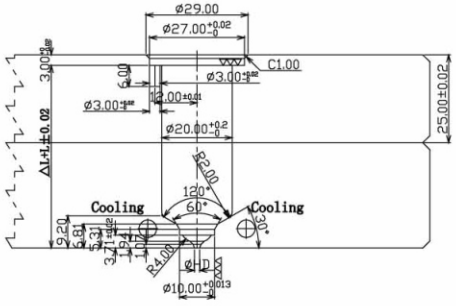
可互換嘴型
TRANSFER TIP #



可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0041	1.0-1.5	HS0051	1.0-2.5





熱咀長度與功率的選擇/ NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHVT12060	60	CH12050180W	SHT10100J/K	SHVT12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHVT12080	80	CH12070240W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHVT12100	100	CH12090300W	SHT10100J/K					
SHVT12120	120	CH12110360W	SHT10120J/K					

■ SHV12-I TYPE "V" Φ12 mm

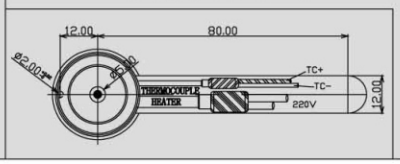
編碼原則

S H VC 12 □ □

- S: 單嘴/多嘴 S/M Nozzle
- 12: 咀身長度 Nozzle length
- VC: 咀身大小 Nozzle size
- 表示嘴尖類型 Topless tip
- H: 熱流道 Hot runner
- S: 信舟 SHINZO

電熱與感溫
HEATER AND THERMOCOUPLE

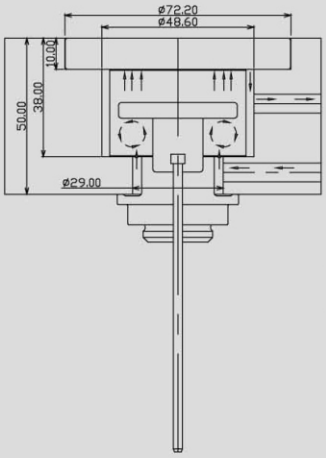
電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 气缸选择
Cylinder the selection

规格 SHCY-38

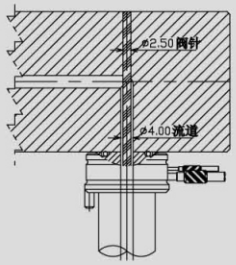
Standard SHCY-38



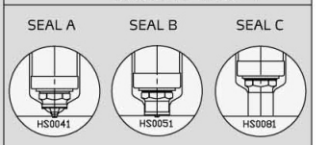
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環

O-RING OR-806 Required

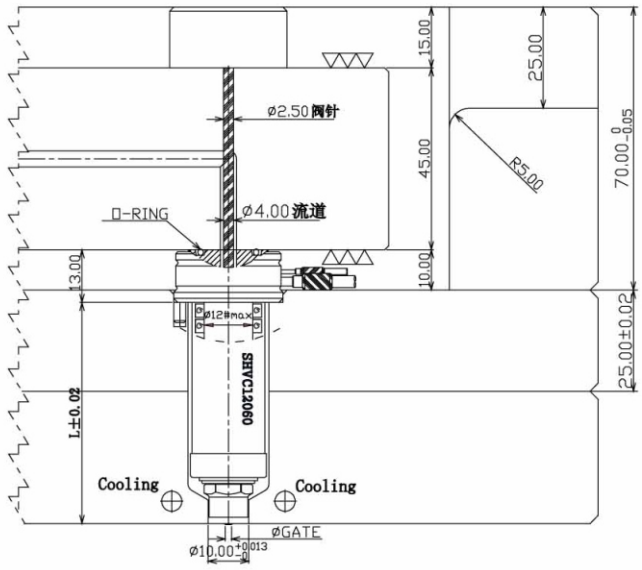


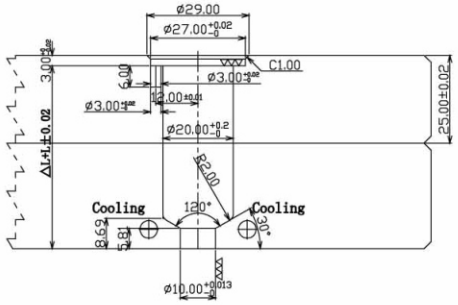
可互換嘴型
TRANSFER TIP #



可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0041	1.0-1.5	HS0051	1.0-2.5





熱咀長度與功率的選擇/NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHV12060	60	CH12050180W	SHT10100J/K	SHV12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHV12080	80	CH12070240W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室温 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHV12100	100	CH12090300W	SHT10100J/K					
SHV12120	120	CH12110360W	SHT10120J/K					

■ SHV12-I TYPE "V" Φ12 mm

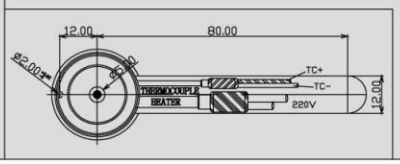
編碼原則

S H VH 12 □ □

- S: 單嘴/多嘴 S/M Nozzle
- H: 咀身長度 Nozzle length
- 12: 咀身大小 Nozzle size
- VH: 表示嘴尖類型 Topless tip
- □: 熱流道 Hot runner
- □: 信舟 SHINZO

電熱與感溫
HEATER AND THERMOCOUPLE

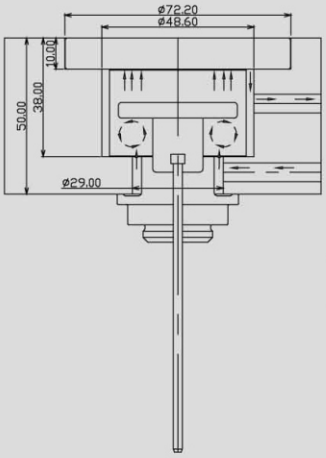
電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感溫 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-



● 气缸选择
Cylinder the selection

规格 SHCY-38

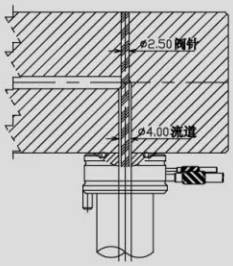
Standard SHCY-38



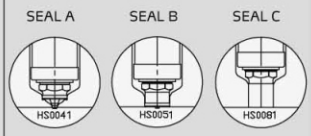
● 多嘴用 M
M For multi nozzle

熱嘴需加OR-806"O"形環

O-RING OR-806 Required

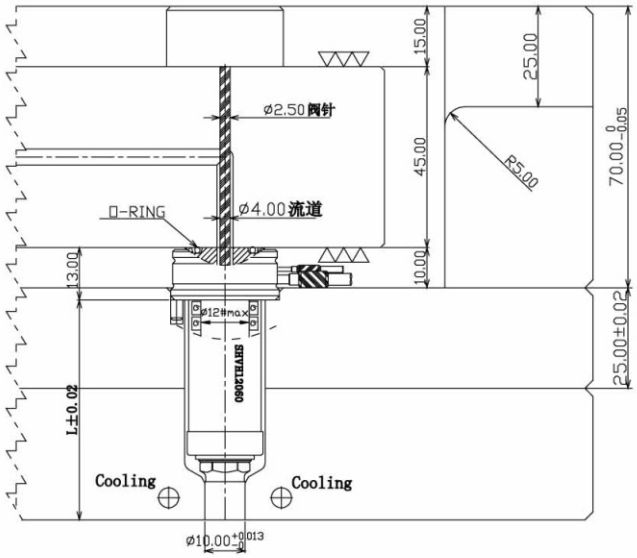


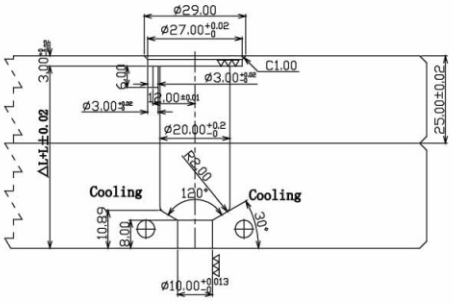
可互換嘴型
TRANSFER TIP #



可互換密封套
TRANSFER SEAL #

密封套A SEAL A	澆口 GATE □	密封套B SEAL B	澆口 GATE □
HS0051	1.0-2.5	HS0081	1.0-2.0





熱咀長度與功率的選擇/ NOZZLE LENGTH AND POWER SELECTION								加熱至所需溫度(△L) 膨脹量計算公式 THERMAL EXPANSION CALCULATION
NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	NOZZLE#	L	POWER @220V(WATT)	T/C (J/K)	
SHVT12060	60	CH12050200W	SHT10100J/K	SHVT12140	140	CH18137440W	SHT10150J/K	L1=L+TE TE=LxTxZ Z=13.2x10^{-6}
SHVT12080	80	CH12070250W	SHT10100J/K					說明：TE=膨脹量 THERMAL EXPANSION(mm) T=熱嘴溫度 減 一般室溫 T=NOZZLE TEMP-ROOM TEMP Z=膨脹係數 EXPANSION COEFFICIENT
SHVT12100	100	CH12090300W	SHT10100J/K					
SHVT12120	120	CH12110360W	SHT10120J/K					

■ SHML-1 TYPE "I"

編碼原則

S H ML □ □

- S — 信舟 SHINZO
- H — 熱流道 Hot runner
- ML — 分流板 Manifold Block
- □ — 模穴数 Points of
- □ — 厚度 Thickness

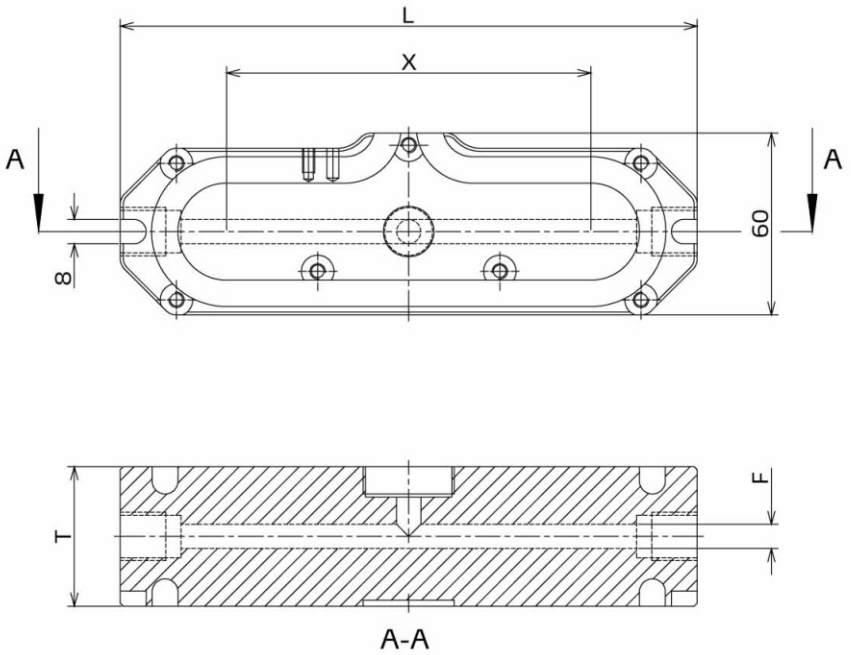
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-

加熱至所需溫度(△L)
膨脹量計算公式
THERMAL EXPANSION CALCULATION

$L1=L+TE\ TE=LxTxZ\ Z=13.2x10^{-6}$

說明：TE=膨脹量
THERMAL EXPANSION(mm)
T=熱嘴溫度 減 一般室溫
T=NOZZLE TEMP-ROOM TEMP
Z=膨脹係數
EXPANSION COEFFICIENT



材料 Material 420H/S136H/P20/2316

單位:毫米(mm)

产品代码 Part No.	厚度 T	流道直徑 F(Φ)	L=130 X	L=150 X	L=170 X	L=190 X	L=210 X	L=230 X	L=250 X	L=270 X	L=290 X	L=310 X	L=330 X	L=350 X	L=370 X
ML/3506	35	6	60	80	100	120	140		160	200		240		280	
ML/4508	45	8	60	80	100	120	140		160	200		240		280	
ML/4510	45	10	60	80	100	120	140		160	200		240		280	
ML/5512	55	12			80	100	120	140			200		240		280
ML/5514	55	14			80	100	120	140			200		240		280
ML/5516	55	16			80	100	120	140			200		240		280

備註: X為每兩點間最大距離。
Note: X is Max.distance between every drop.

■ SHMN-1 TYPE "X"

編碼原則

S H MN □ □

- S: 信舟 SHINZO
- H: 熱流道 Hot runner
- MN: 分流板 Manifold Block
- □: 模穴数 Points of
- □: 厚度 Thickness

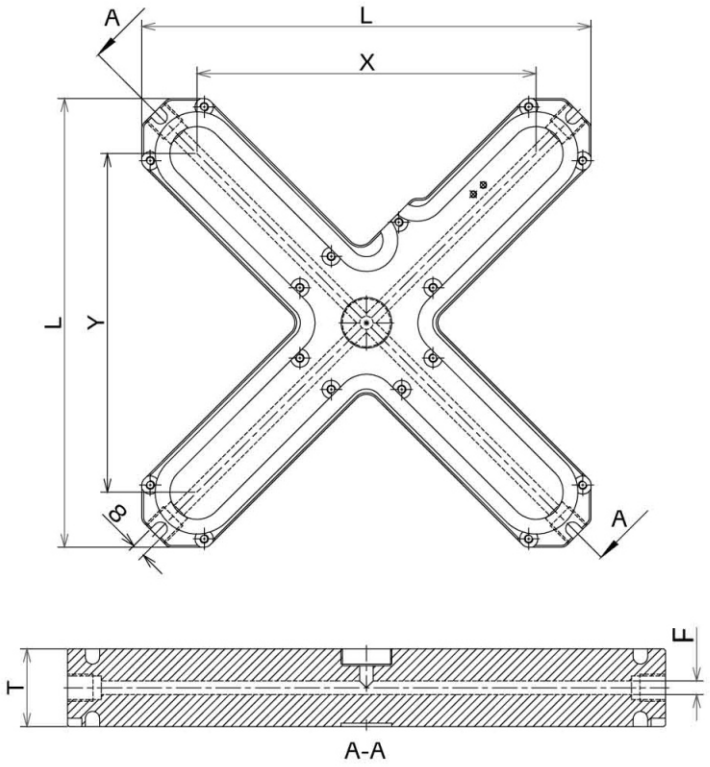
電熱與感溫
HEATER AND THERMOCOUPLE

電热 HEATER	褐色/黑色 BROWN/BLACK	輸出電壓 220V
感温 THERMO COUPLE	红色/黑色 RED/BLACK	TC+
	蓝色/白色 BLUE/WHITE	TC-

加熱至所需溫度(△L)
膨脹量計算公式
THERMAL EXPANSION CALCULATION

$L1=L+TE\ TE=LxTxZ\ Z=13.2x10^{-6}$

說明：TE=膨脹量
THERMAL EXPANSION(mm)
T=熱嘴溫度 減 一般室温
T=NOZZLE TEMP-ROOM TEMP
Z=膨脹係數
EXPANSION COEFFICIENT



材料 Material 420H/S136H/P20/2316

單位：毫米(mm)

产品代码 Part No.	厚度 T	流道直徑 F(Φ)	L=125 X/Y	L=145 X/Y	L=165 X/Y	L=185 X/Y	L=205 X/Y	L=225 X/Y	L=245 X/Y	L=265 X/Y	L=285 X/Y	L=305 X/Y	L=325 X/Y
MN/3506	35	6	60	80	100	120	140	160		200		240	
MN/4508	45	8	60	80	100	120	140	160		200		240	
MN/4510	45	10	60	80	100	120	140	160		200		240	
MN/5512	55	12					120	140	160		200		240
MN/5514	55	14					120	140	160		200		240
MN/5516	55	16					120	140	160		200		240

備註: X,Y為每兩點間最大距離。
Note: X,Y is Max.distance between every drop.

電話 Tel:(86) 0769-8111 5788
傳真 Fax:(86) 0769-8111 5755
網址 URL: http://www.shini.com
電郵 Email:alex.liu@cn.shini.com

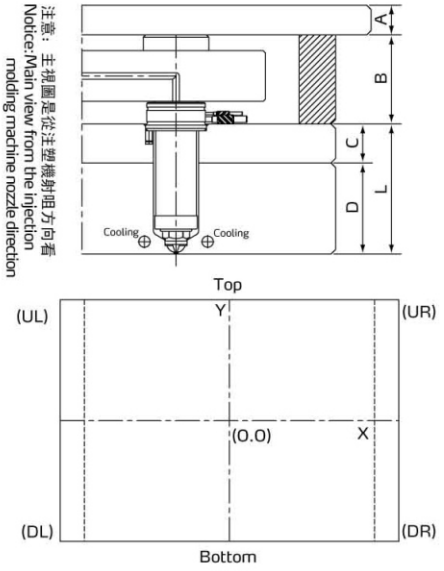
系統報價申請表

Heatlock Moulaing System Quote Request Form

客戶報價號: Customer Quote No:		日期: Date:
公司名稱: Company:		聯繫人: Contact:
公司地址: Address:		
電話: Tel:	傳真: Fax:	電郵: E-mail:

請提供以下產品資料，以便報價

產品名稱: Product Description:									
膠料 Material: ☐加玻璃纖維 Glass Filled: ____% ☐防火料 Frame Retardant	☐PP	☐PE	☐PS	☐SB	☐EVA	☐ABS	☐POM	☐SAN	☐PA6
	☐PMMA	☐ASA	☐CAB	☐PBT	☐PA66	☐PC	☐PC/ABS	☐PPS	
	☐PET	☐PES	☐PPO	☐PSU	☐PEEK	☐LCP	☐PEI	☐PVC S/H	
單一產品重量: Product Description:			模腔數量: No.Of Cavities:						
單一產品澆口（入水）量: No.Of Gates Per Product:	產品之外型尺寸(長*寬*高): Size Of Product(L * W * H):						產品壁厚: Wall Thickness:		
澆口（入水）種類: Description Of Gate Finish:	☐大水口 Sprue-gate ☐點澆口 Point-gate ☐針閥式 Valve-gate								
產品顏色: ☐透明 Colour: ☐Transparence	須經常轉換顏色及膠料: ☐是 ☐否 Colour or Material Change Necessary: ☐Yse ☐No						溫控箱: ☐是 ☐否 Controller: ☐Yse ☐No		
熱上模: ☐是 Hot Half: ☐Yse	隔熱板: ☐是 Insulation Plate: ☐Yse						操作手冊: ☐中文 ☐英文 Project Book: ☐Chinese ☐English		



入水數量 No.Of Gates	L (C+D)	位置 Place X	位置 Place Y
G1			
G2			
G3			
G4			
G5			
G6			
G7			
G8			

其它數據 Other Data					
	A		B	C	
	D		E	SR	

備註 Remark

制圖/日期 Drawing/date	審核/日期 Audit/date	出貨日期 Shipment/date
制表 Dabulator	銷售工程師 Sales Engineer	交貨日期 Delivery/date

東莞信舟熱流道系統有限公司
地址: 東莞市大朗鎮水口村金朗南路160號
電話: +86(0)769 8111 5788
傳真: +86(0)769 8111 5755
Email: shini@shini.com

Shinzo Hot Runner Systems,Inc
Addr: 160Jinlang South Rd,Dalang,Dongguang
Tel: +86(0)769 8111 5788
Fax: +86(0)769 8111 5755
Email: shini@shini.com