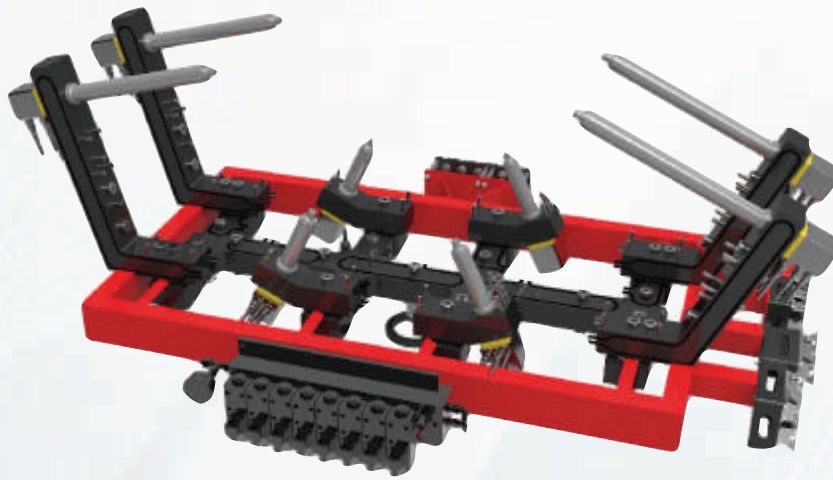




# JTP PLASTECH

Always be the First



## HOT RUNNER SYSTEM

ผู้จัดจำหน่ายระบบ ฮอต รันเนอร์ และรับซ่อมระบบ ฮอต รันเนอร์ (ทุกยี่ห้อ)  
รวมถึง อะไหล่ หรืออุปกรณ์ ที่เกี่ยวข้อง ในอุตสาหกรรมแม่พิมพ์ฉีดพลาสติก  
ทั้งสต็อกสินค้าและพรีออเดอร์

Hot Runner System , Heater , Thermocouple , Temperature Controller  
Timer Controller , Technical Support ,  
Tools , Spare Part , Service

GET IN  
TOUCH



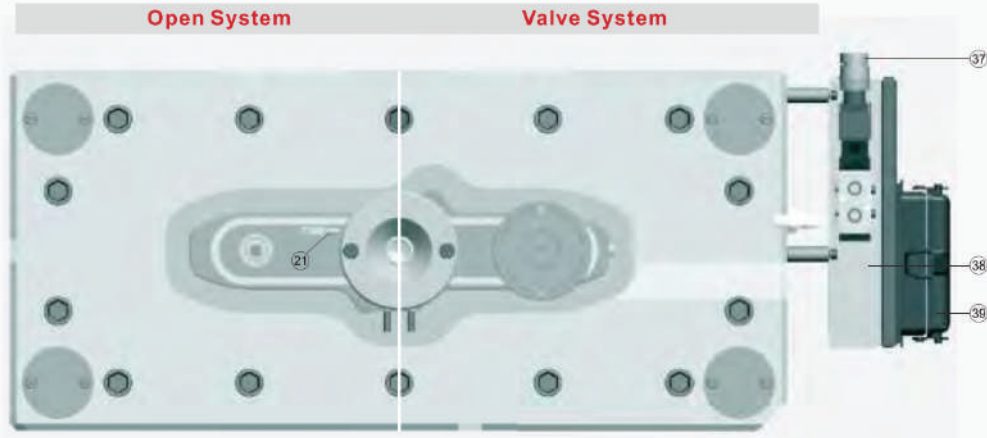
Hot Runner System  
Dimension  
Calculate Data

WWW.JTP.CO.TH

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System Glossary



**MODU System Unit**

- 1 Locating Ring
- 2 Socket Head Cap Bolt
- 3 MODU Ass'y Bolt (B2)
- 4 MODU System Ass'y Bolt (B1)
- 5 Center Pin Cover Fixing Bolt
- 6 Center Pin Cover
- 7 Center Pin
- 8 Clamping Plate
- 9 Spacer Plate
- 10 Holding Plate
- 11 Cavity Plate

**Manifold Unit**

- 12 Nozzle Locator
- 13 Insulation Pad
- 14 P.G.B Ring
- 15 Pin Guide Bush
- 16 Manifold Block
- 17 Dowel Pad
- 18 Dowel Pin
- 19 Socket Head Cap Bolt
- 20 Lock pin
- 21 Manifold Thermocouple

**Nozzle Unit**

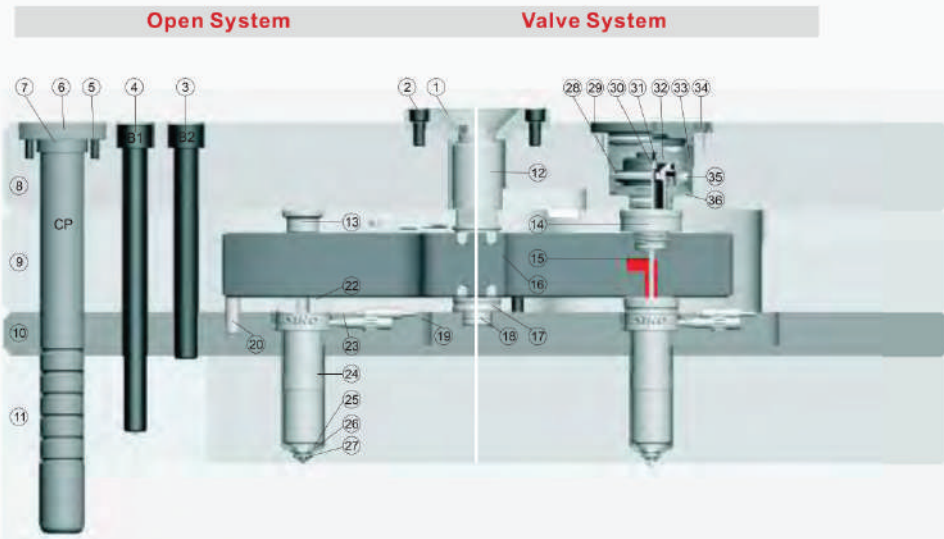
- 22 Seal Ring
- 23 Nozzle Thermocouple
- 24 Tube Heater
- 25 Snap Ring
- 26 Nozzle Union/Gate Bush
- 27 Nozzle Tip

**Cylinder Unit**

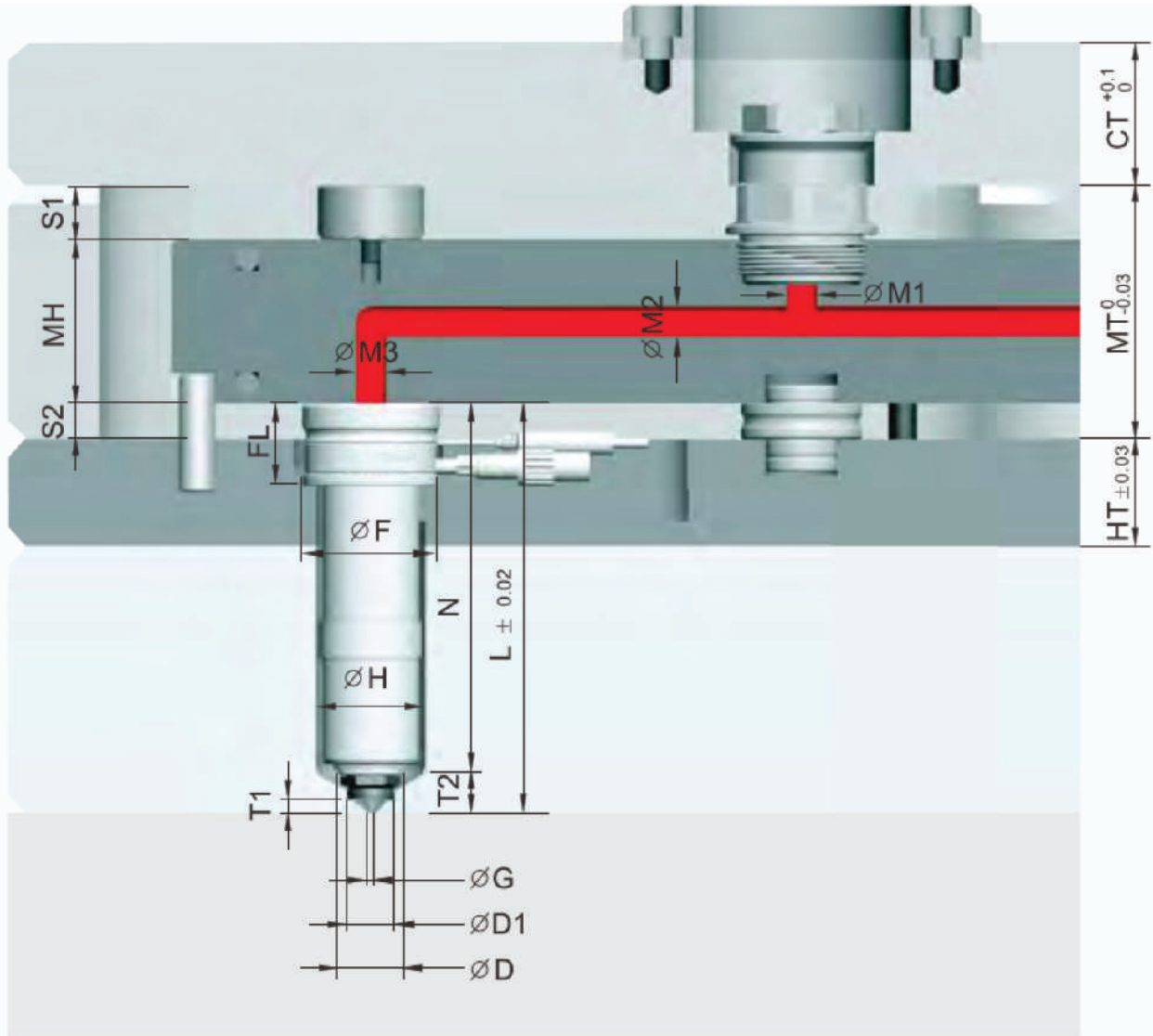
- 28 "O" Ring
- 29 Cylinder Cover
- 30 Valve Pin
- 31 Piston In
- 32 Piston Out
- 33 Cylinder Housing
- 34 Socket Head Cap Bolt
- 35 Rub Ring
- 36 Cylinder Bottom

**Connecting Unit**

- 37 Solenoid Valve
- 38 Connector box
- 39 Connector



# Open System Introduction



## Open System Introduction

Division	PRM18	PRM25	PRM35	PRM45	
Model Number	PRM-18-□□-□□□	PRM-25-□□-□□□	PRM-35-□□-□□□	PRM-45-□□-□□□	
Injection Volume	UP to 250gr	UP to 650gr	UP to 1400gr	Over 1900gr	
CT	Customer's	Specification	Customer's	Specification	
HT					
MH	45	45	45	50	
MT	70	70	70	75	
∅M1	8	10	12	16	
∅M2	8	10	12	16	
∅M3	8	10	12	16	
S1	15/10	15/10	15/10	15/10	
S2	10/15	10/15	10/15	10/15	
∅F	38	48	60	70	
FL	23	26	30	30	
T2	11	16	21	26	
T1	3.6	6.9	11.4	15.4	
L	CC,CE,CH,CW,CL,OL	64~194	70~260	75~275	84~294
	SL	58~188	60~250	60~260	65~275
∅G	CC,CE,CH,CW	1.2/1.5	1.2/1.5	1.5/2.0/2.5	2.0/2.5/3.0
	CL	1.5/2.0	1.5/2.5	2.0/3.0/4.0	3.0/4.0/5.0
	SL,OL	1.5/2.0	1.5/2.0	2.0/3.0	2.0/3.0/4.0
∅H	30	38	48	60	
∅D1	13	18	26	34	
∅D	18.15	25.15	35.15	45.15	
Tube Heater	TH OS 18 □□□6 36 5	TH OS 25□□□4 36 5	TH OS 35□□□5 36 5	TH OS 45□□□8 36 5	
Thermocouple	NZ TP□□ 16□□ 5R	NZ TP□□ 16□□ 52	NZ TP□□ 16□□ 52	NZ TP□□ 16□□ 52	

Actual Length of Nozzle when delivered

Actual Length of Nozzle(L1)=L-ΔL-T2

$\Delta L = (L - T2 - FL) \times 1.2 \times 10^{-5} \times (\text{Injection Temp} - \text{Mold Temp})$

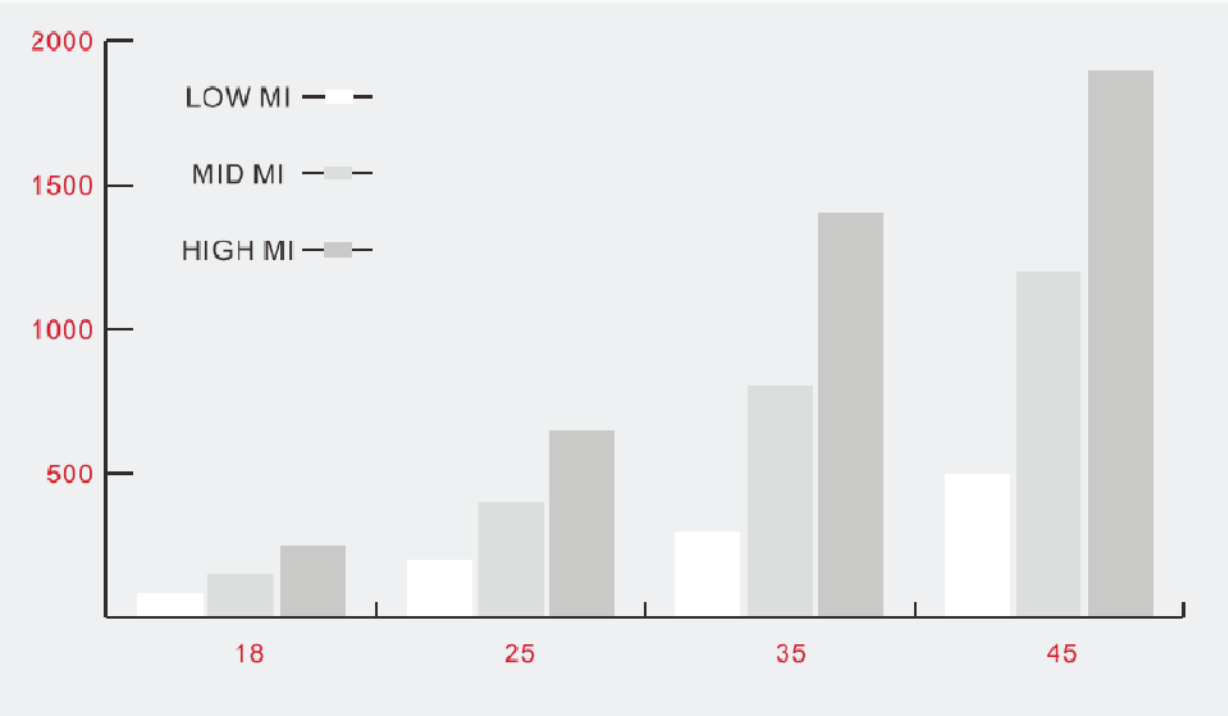
例：PRM 45 CC 150（射出温度：250°C/模具温度：50°C）

$\Delta L \text{热膨胀数} = (150 - 26 - 30) \times 1.2 \times 10^{-5} \times (250 - 50) = 0.23$

本体实际长度（N）：150 - 0.23 - 26 = 123.77

NOZZLE SHOT DIAGRAM

PRM-ECON OPEN SHOT WEIGHT(g)					
		PRM-18	PRM-25	PRM-35	PRM-45
SHOT WEIGHT	LOW MI	80	200	300	500
	MID MI	150	400	800	1200
	HIGH MI	250	650	1400	1900



GATING TYPE



CC TYPE



CE TYPE



CH TYPE



CL TYPE



CW TYPE



GC TYPE



OA TYPE



OL TYPE



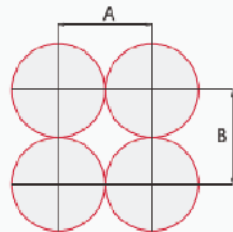
SL TYPE



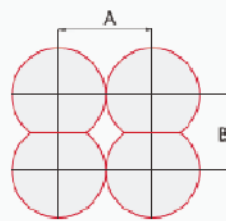
TC TYPE

## Open System Introduction

Types	Gate minimum space(A/B) unit:mm	
	Open Square	Open Rectangle
PRM 18	38/38	38/32
PRM 25	48/48	48/40
PRM 35	60/60	60/50
PRM 45	70/70	70/60

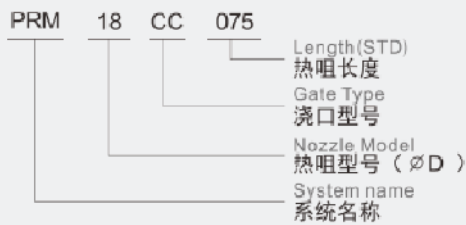


Square Space Between

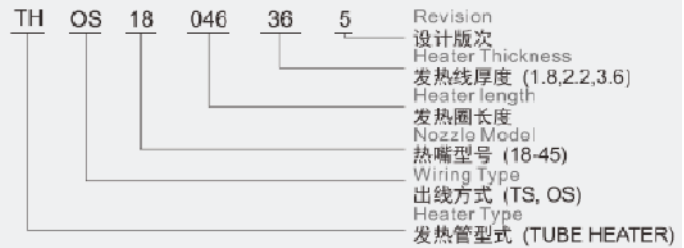


Rectangle Space Between

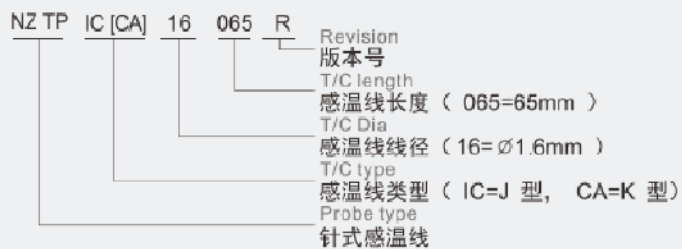
### How to read Nozzle Model



### How to read Heater Code



### How to read Thermocouple Code





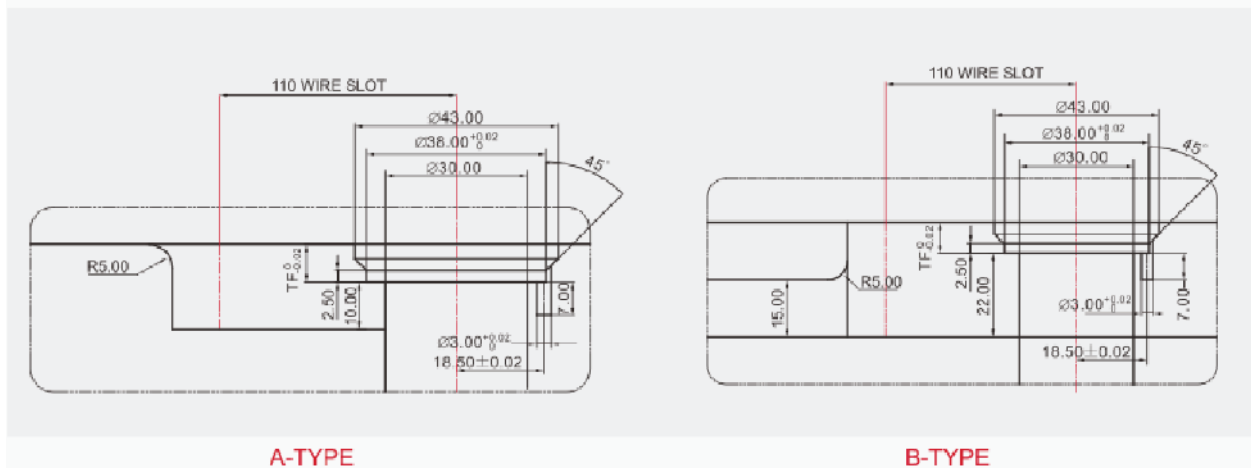
PRM18 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM18□□	64~73.99	THOS 18 036 36 5	NZ TP IC [CA] 16 065 R
PRM18□□	74~83.99	THOS 18 046 36 5	
PRM18□□	84~93.99	THOS 18 056 36 5	NZ TP IC [CA] 16 085 R
PRM18□□	94~103.99	THOS 18 066 36 5	
PRM18□□	104~113.99	THOS 18 076 36 5	NZ TP IC [CA] 16 105 R
PRM18□□	114~123.99	THOS 18 086 36 5	
PRM18□□	124~133.99	THOS 18 096 36 5	NZ TP IC [CA] 16 125 R
PRM18□□	134~143.99	THOS 18 106 36 5	
PRM18□□	144~153.99	THOS 18 116 36 5	NZ TP IC [CA] 16 145 R
PRM18□□	154~163.99	THOS 18 126 36 5	
PRM18□□	164~173.99	THOS 18 136 36 5	NZ TP IC [CA] 16 165 R
PRM18□□	174~183.99	THOS 18 146 36 5	
PRM18□□	184~193.99	THOS 18 156 36 5	NZ TP IC [CA] 16 185 R

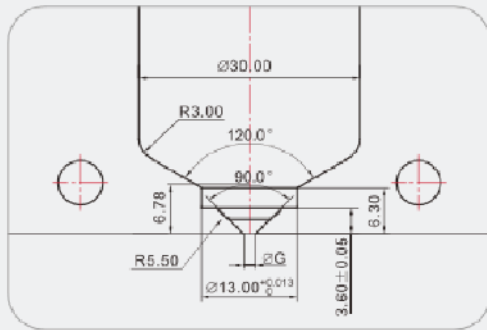
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =64mm 最长 (Max) =193.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

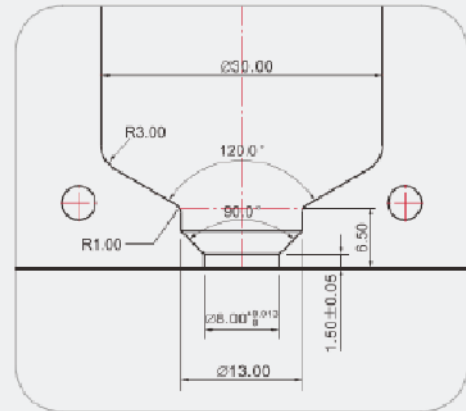
FLANGE PROCESS AREA



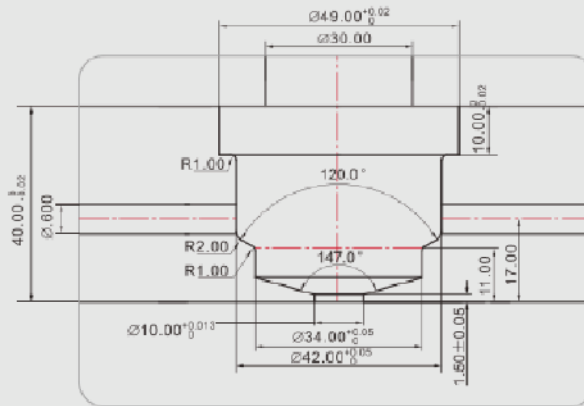
# GATE PROCESS AREA



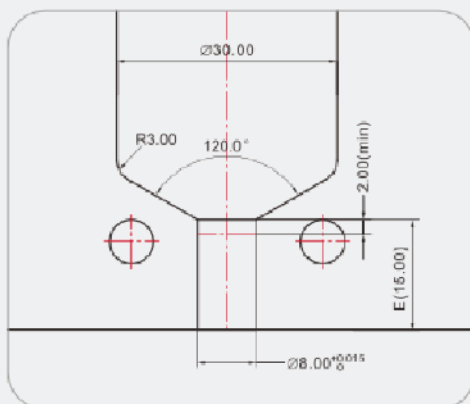
CC, CH



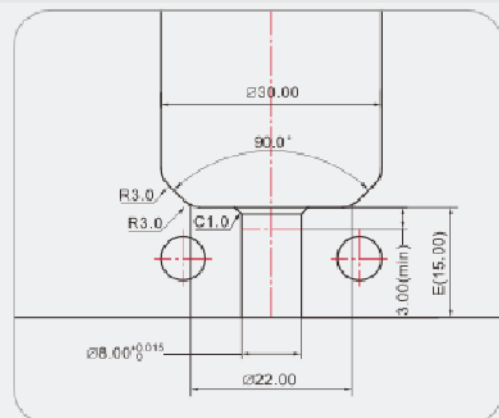
CE



CW



CL, OL



SL

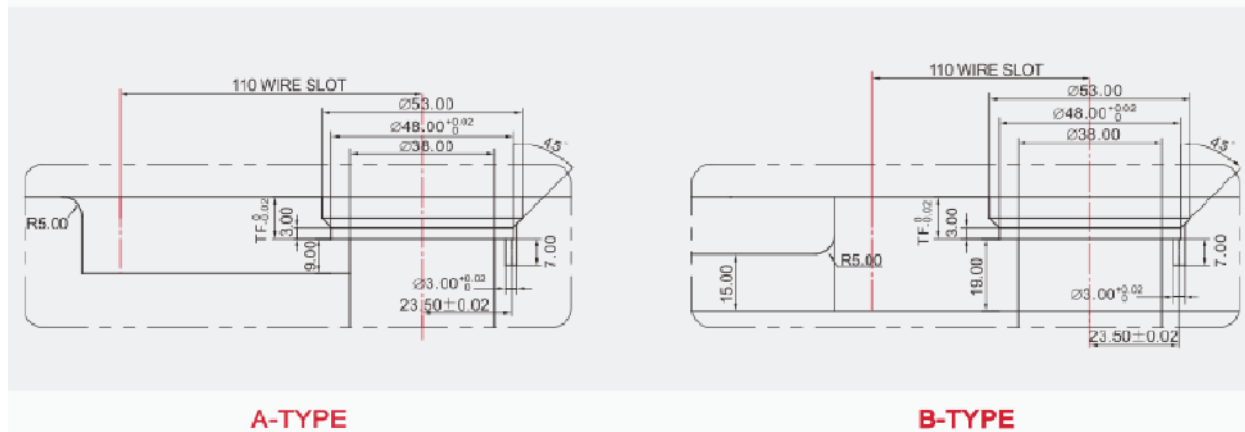
PRM 25 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM25 □□	70~79.99	THOS 25 034 36 5	
PRM25 □□	80~89.99	THOS 25 044 36 5	NZ TP IC [CA] 16 065 2
PRM25 □□	90~99.99	THOS 25 054 36 5	
PRM25 □□	100~109.99	THOS 25 064 36 5	NZ TP IC [CA] 16 085 2
PRM25 □□	110~119.99	THOS 25 074 36 5	
PRM25 □□	120~129.99	THOS 25 084 36 5	NZ TP IC [CA] 16 105 2
PRM25 □□	130~139.99	THOS 25 094 36 5	
PRM25 □□	140~149.99	THOS 25 104 36 5	NZ TP IC [CA] 16 125 2
PRM25 □□	150~159.99	THOS 25 114 36 5	
PRM25 □□	160~169.99	THOS 25 124 36 5	NZ TP IC [CA] 16 145 2
PRM25 □□	170~179.99	THOS 25 134 36 5	
PRM25 □□	180~189.99	THOS 25 144 36 5	NZ TP IC [CA] 16 165 2
PRM25 □□	190~199.99	THOS 25 154 36 5	
PRM25 □□	200~209.99	THOS 25 164 36 5	NZ TP IC [CA] 16 185 2
PRM25 □□	210~219.99	THOS 25 174 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM25 □□	250~259.99	THOS 25 214 36 5	NZ TP IC [CA] 16 225 2

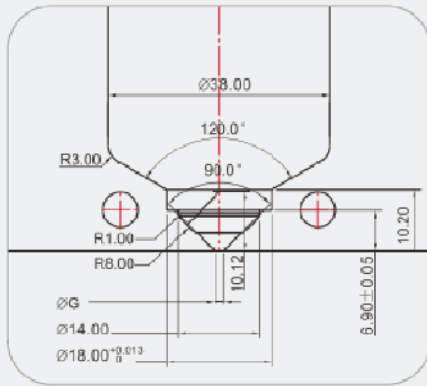
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) = 70mm 最长 (Max) = 259.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型) 当热阻长度超过260mm时, 请做两段/三段发热。

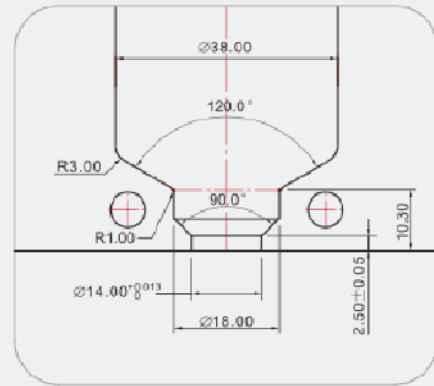
FLANGE PROCESS AREA



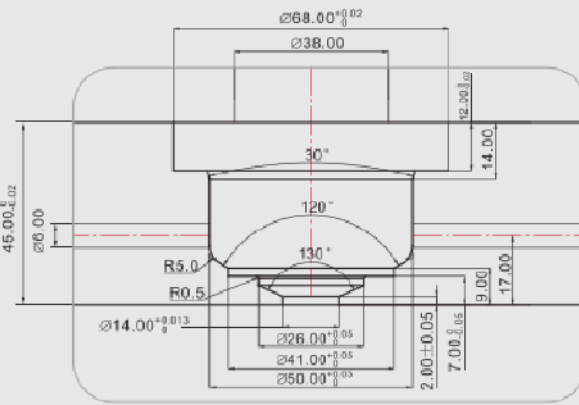
GATE PROCESS AREA



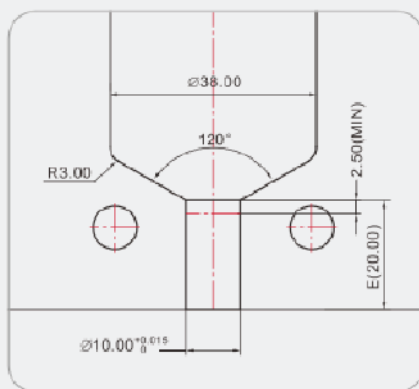
CC,CH



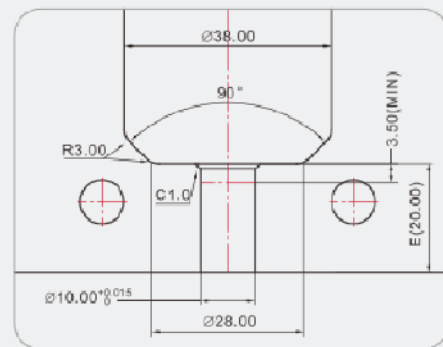
CE



CW



OL,CL



SL

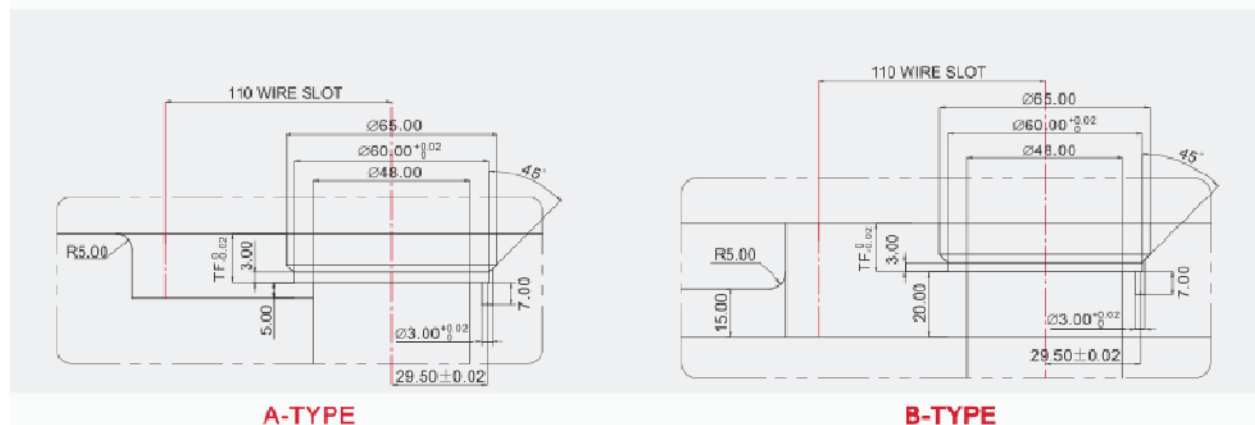
PRM 35 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM35 □□	75~84.99	THOS 35 035 36 5	
PRM35 □□	85~94.99	THOS 35 045 36 5	NZ TP IC [CA] 16 065 2
PRM35 □□	95~104.99	THOS 35 055 36 5	
PRM35 □□	105~114.99	THOS 35 065 36 5	NZ TP IC [CA] 16 085 2
PRM35 □□	115~124.99	THOS 35 075 36 5	
PRM35 □□	125~134.99	THOS 35 085 36 5	NZ TP IC [CA] 16 105 2
PRM35 □□	135~144.99	THOS 35 095 36 5	
PRM35 □□	145~154.99	THOS 35 105 36 5	NZ TP IC [CA] 16 125 2
PRM35 □□	155~164.99	THOS 35 115 36 5	
PRM35 □□	165~174.99	THOS 35 125 36 5	NZ TP IC [CA] 16 145 2
PRM35 □□	175~184.99	THOS 35 135 36 5	
PRM35 □□	185~194.99	THOS 35 145 36 5	NZ TP IC [CA] 16 165 2
PRM35 □□	195~204.99	THOS 35 155 36 5	
PRM35 □□	205~214.99	THOS 35 165 36 5	NZ TP IC [CA] 16 185 2
PRM35 □□	215~224.99	THOS 35 175 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM35 □□	265~274.99	THOS 35 225 36 5	NZ TP IC [CA] 16 245 2

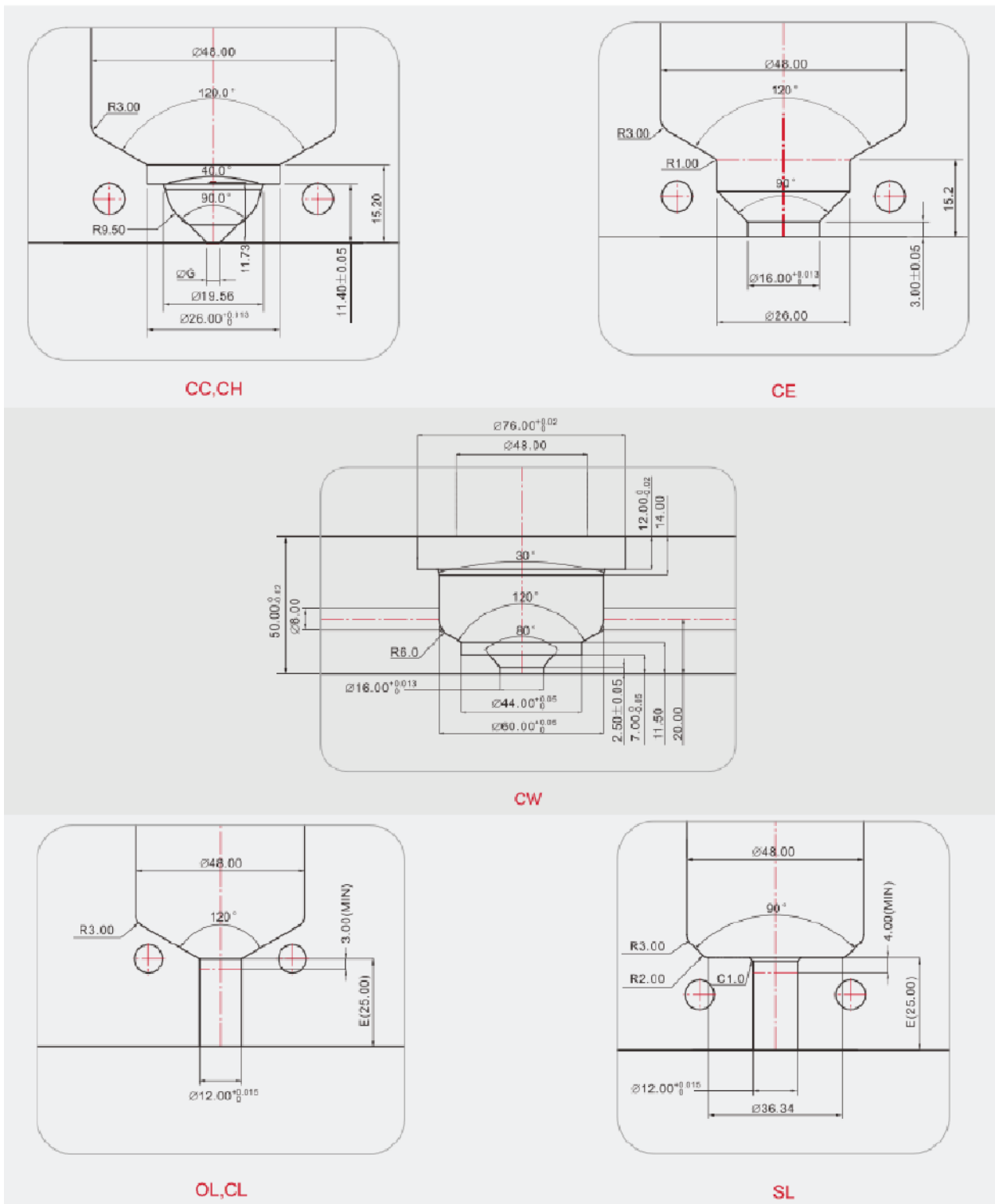
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =75mm 最长 (Max) =274.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型) 当热阻长度超过275mm时, 请做两段/三段发热。

FLANGE PROCESS AREA



GATE PROCESS AREA



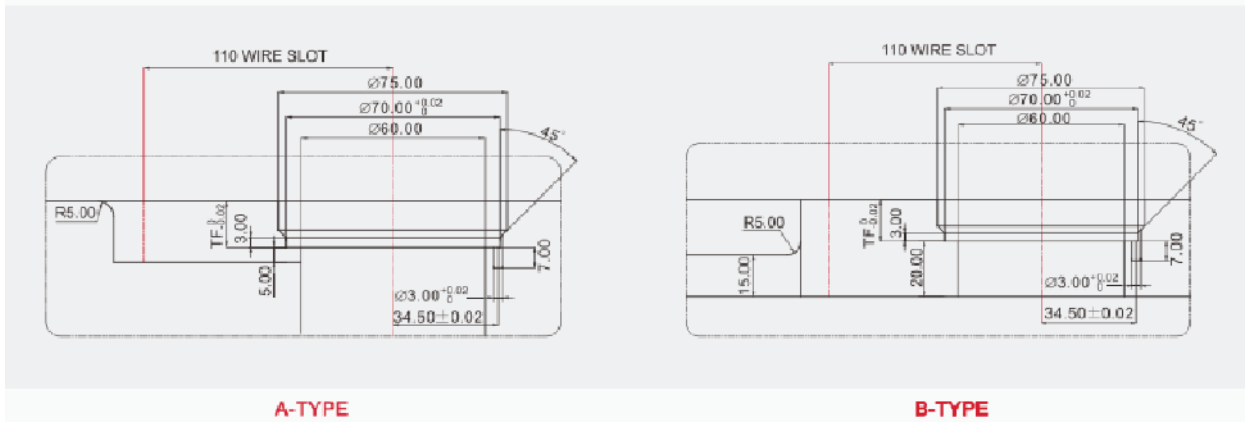
PRM 45 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM45 □□	84~93.99	THOS 45 038 36 5	NZ TP IC [CA] 16 065 2
PRM45 □□	94~103.99	THOS 45 048 36 5	
PRM45 □□	104~113.99	THOS 45 058 36 5	NZ TP IC [CA] 16 085 2
PRM45 □□	114~123.99	THOS 45 068 36 5	
PRM45 □□	124~133.99	THOS 45 078 36 5	NZ TP IC [CA] 16 105 2
PRM45 □□	134~143.99	THOS 45 088 36 5	
PRM45 □□	144~153.99	THOS 45 098 36 5	NZ TP IC [CA] 16 125 2
PRM45 □□	154~163.99	THOS 45 108 36 5	
PRM45 □□	164~173.99	THOS 45 118 36 5	NZ TP IC [CA] 16 145 2
PRM45 □□	174~183.99	THOS 45 128 36 5	
PRM45 □□	184~193.99	THOS 45 138 36 5	NZ TP IC [CA] 16 165 2
PRM45 □□	194~203.99	THOS 45 148 36 5	
PRM45 □□	204~213.99	THOS 45 158 36 5	NZ TP IC [CA] 16 185 2
PRM45 □□	214~223.99	THOS 45 168 36 5	
PRM45 □□	224~233.99	THOS 45 178 36 5	NZ TP IC [CA] 16 205 2
PRM45 □□	234~243.99	THOS 45 188 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM45 □□	284~293.99	THOS 45 238 36 5	NZ TP IC [CA] 16 265 2

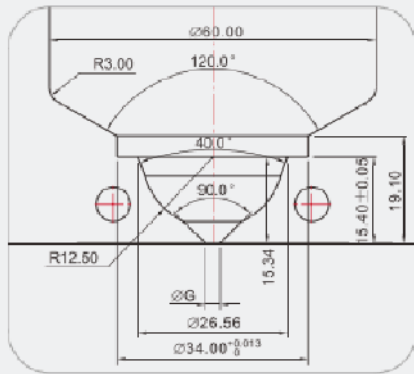
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =84mm 最长 (Max) =293.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型) 当热阻长度超过294mm时, 请做两段/三段发热。

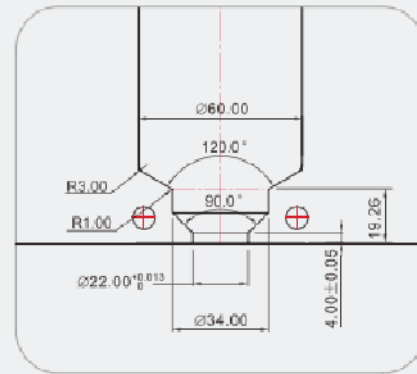
FLANGE PROCESS AREA



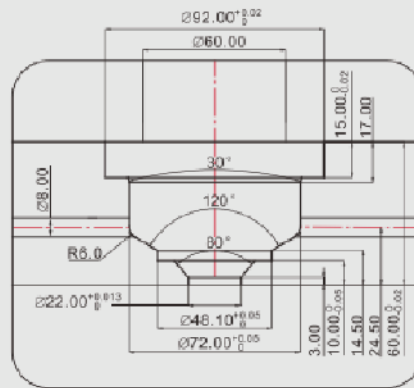
GATE PROCESS AREA



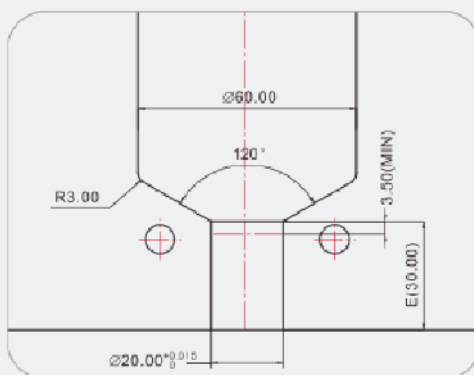
CC,CH



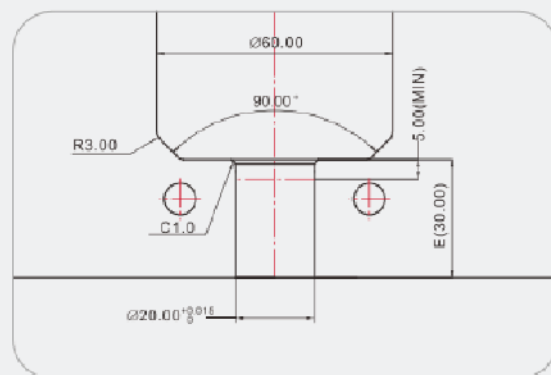
CE



CW



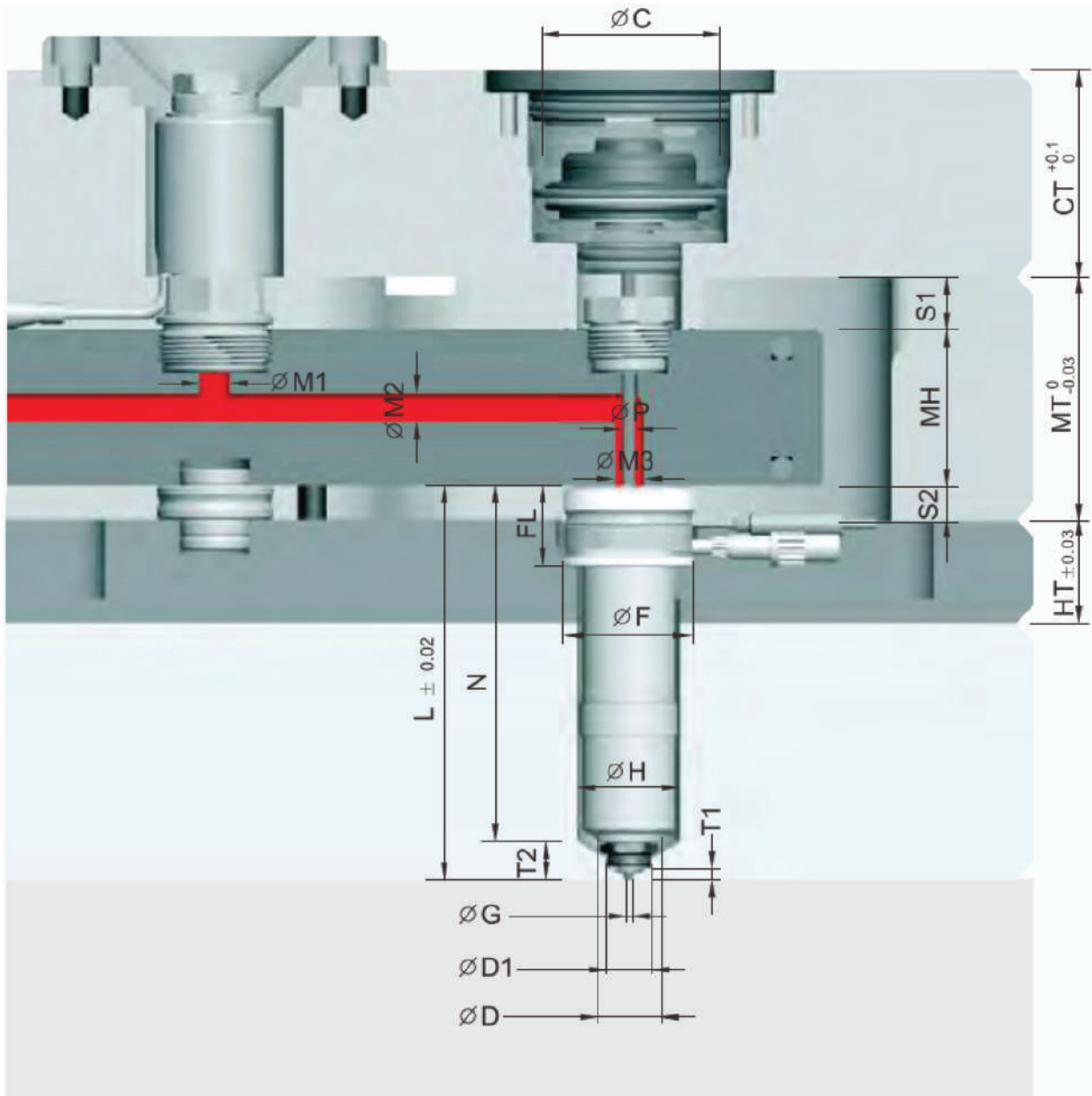
OL,CL



SL



# Open System Introduction



## Valve System Introduction

Division	PRM18	PRM25	PRM35	PRM45
Model Number	PRM-18-□□-□□□□	PRM-25-□□-□□□□	PRM-35-□□-□□□□	PRM-45-□□-□□□□
Injection Volume	UP to 100gr	UP to 350gr	UP to 800gr	Over 1600gr
∅C	40	50	60	70
∅P	4	4	6	8   10
CT	60~	60~	70~	70~
HT	Customer's	Specification	Customer's	Specification
MH	45	45	45	50
MT	70	70	70	75
∅M1	8	10	12	16
∅M2	8	10	12	16
∅M3	8	10	12	16   18
S1	15/10	15/10	15/10	15/10
S2	10/15	10/15	10/15	10/15
∅F	38	48	60	70
FL	23	26	30	30
T2	11	16	21	26
T1	3.6	6.9	11.4	15.4
L	64-194	70-260	75-275	84-294
∅H	30	38	48	60
∅G	1.5/2.0	1.5/2.0/2.5	2.5/3.0/4.0	4.0/5.0   6.0/7.0
∅D1	13	18	26	34
∅D	18.15	25.15	35.15	45.15
Tube Heater	TH OS 18□□6 36 5	TH OS 25□□4 36 5	TH OS 35□□5 36 5	TH OS 45□□8 36 5
Thermocouple	NZ TP□□16 □□ 5R	NZ TP□□16 □□ 52	NZ TP□□16 □□ 52	NZ TP□□16 □□ 52

Actual Length of Nozzle when delivered

Actual Length of Nozzle(L1)=L-ΔL-T2

$\Delta L = (L - T2 - FL) \times 1.2 \times 10^{-5} \times (\text{Injection Temp.} - \text{Mold Temp.})$

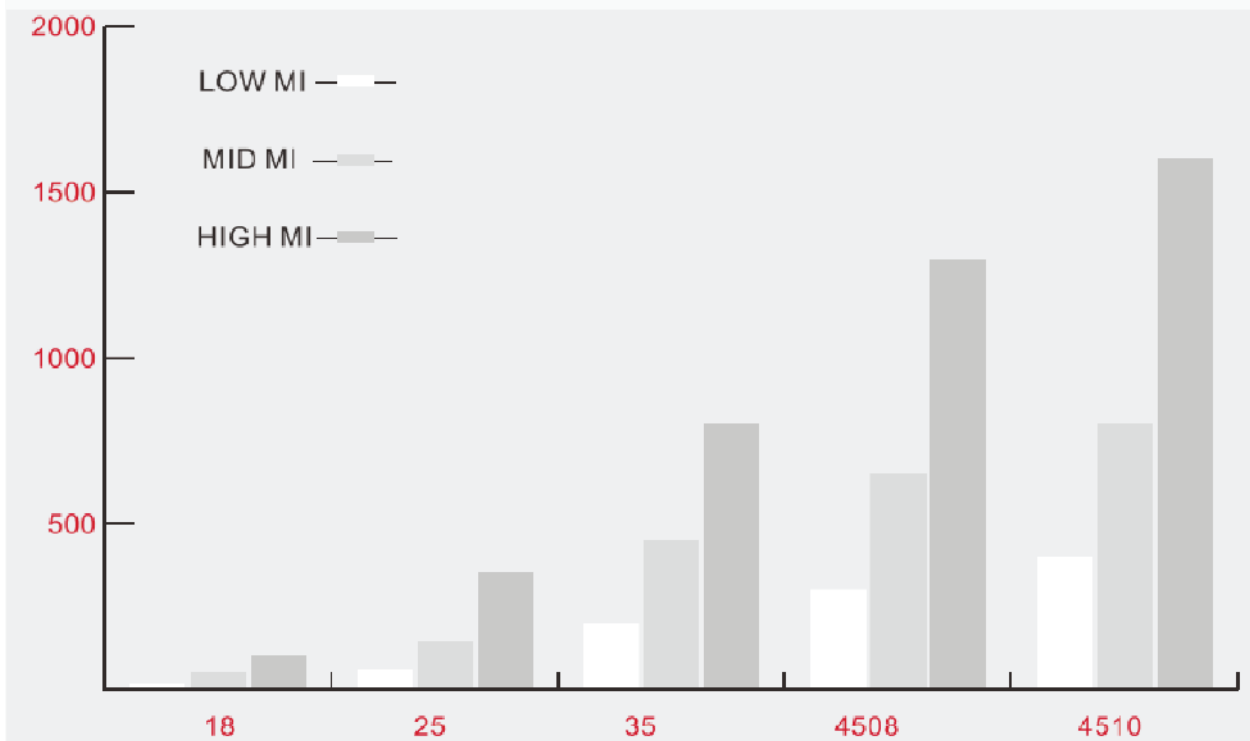
例: PRM 45 VV 150 (射出温度: 250°C/模具温度: 50°C)

$\Delta L \text{热膨胀数} = (150 - 26 - 30) \times 1.2 \times 10^{-5} \times (250 - 50) = 0.23$

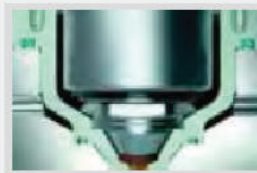
本体实际长度 (N) : 150 - 0.23 - 26 = 123.77

NOZZLE SHOT DIAGRAM

PRM-ECON VALVE SHOT WEIGHT(g)						
		PRM-18	PRM-25	PRM-35	PRM-4508	PRM-4510
SHOT WEIGHT	LOW MI	20	60	200	300	400
	MID MI	50	150	450	650	800
	HIGH MI	100	350	800	1300	1600



GATING TYPE



VW TYPE



VS TYPE



VE TYPE



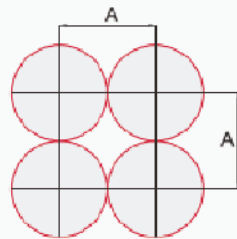
VG TYPE



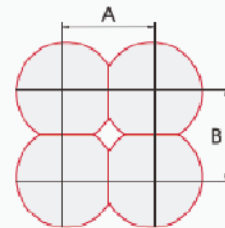
VL TYPE

## Valve System Introduction

Gate minimum space(A/B) unit:mm				
Cylinder	(N/L Area)主射咀周围		(Others)其它	
	Symmetrical	Asymmetric	Valve Square	Valve Rectangle
VCP40	76	56/92	74/74	54/54
VCP50	86	66/98	84/84	64/64
VCP60	98	75/115	94/94	74/74
VCP70	114	88/134	104/104	86/86
VCP80	120	98/140	116/116	96/96
VCP90	128	108/144	126/126	106/106

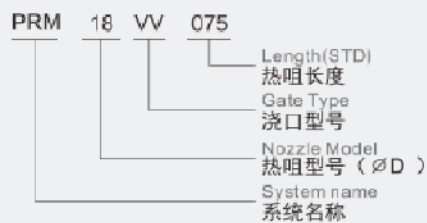


Square Space Between

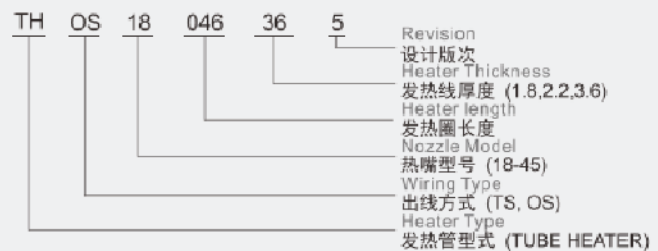


Rectangle Space Between

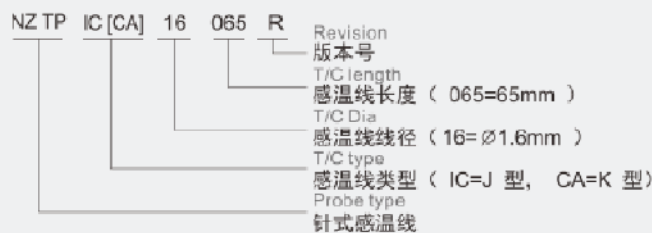
### How to read Nozzle Model



### How to read Heater Code



### How to read Thermocouple Code



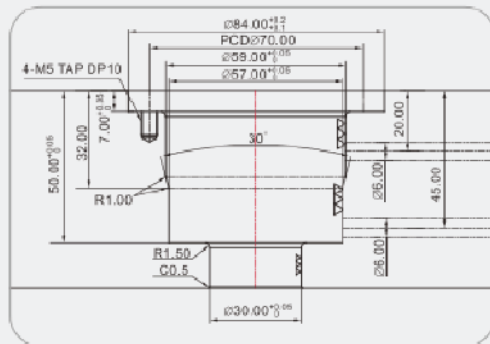
PRM 18 VALVE SYSTEM

MODEL	L	HEATER	T/C
PRM18□□	64~73.99	THOS 18 036 36 5	NZ TP IC [CA] 16 065 R
PRM18□□	74~83.99	THOS 18 046 36 5	
PRM18□□	84~93.99	THOS 18 056 36 5	NZ TP IC [CA] 16 085 R
PRM18□□	94~103.99	THOS 18 066 36 5	
PRM18□□	104~113.99	THOS 18 076 36 5	NZ TP IC [CA] 16 105 R
PRM18□□	114~123.99	THOS 18 086 36 5	
PRM18□□	124~133.99	THOS 18 096 36 5	NZ TP IC [CA] 16 125 R
PRM18□□	134~143.99	THOS 18 106 36 5	
PRM18□□	144~153.99	THOS 18 116 36 5	NZ TP IC [CA] 16 145 R
PRM18□□	154~163.99	THOS 18 126 36 5	
PRM18□□	164~173.99	THOS 18 136 36 5	NZ TP IC [CA] 16 165 R
PRM18□□	174~183.99	THOS 18 146 36 5	
PRM18□□	184~193.99	THOS 18 156 36 5	NZ TP IC [CA] 16 185 R

“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =64mm 最长 (Max) =193.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

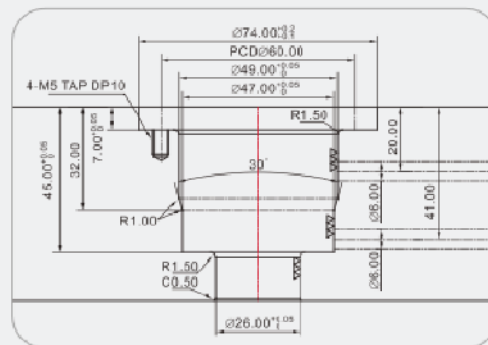
CYLINDER PROCESS AREA



VCP50

注:气缸的型号是取决于GATE的大小或产品的特性,通常PRM18是取用VCP40,特殊情况时也可采用VCP50。

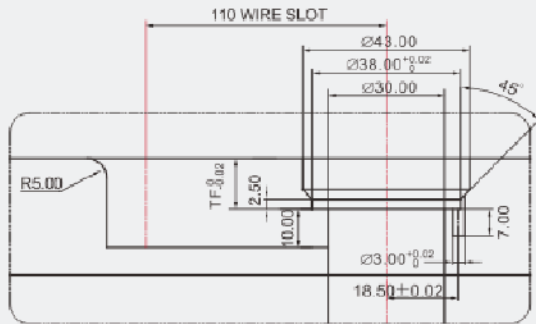
The model of cylinder rest with the size of gate or character of product, PRM18 match VCP40, also can match VCP50 if any especial case.



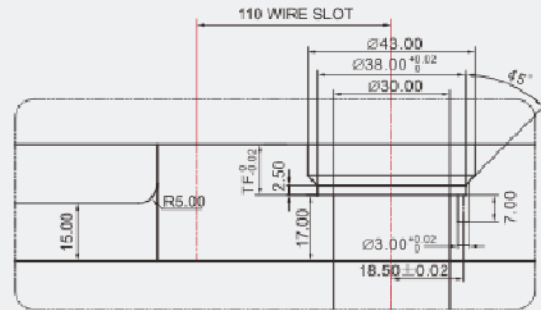
VCP40

# Valve System Introduction

## FLANGE PROCESS AREA

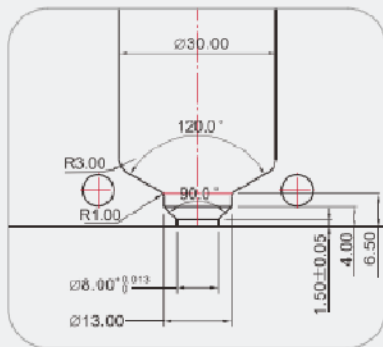


A-TYPE

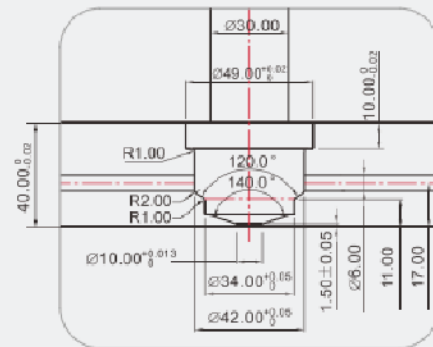


B-TYPE

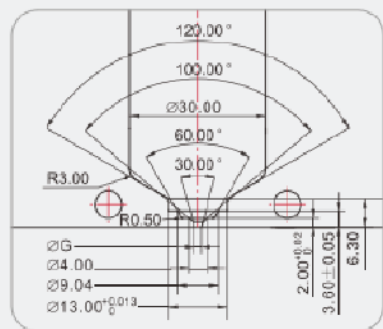
## GATE PROCESS AREA



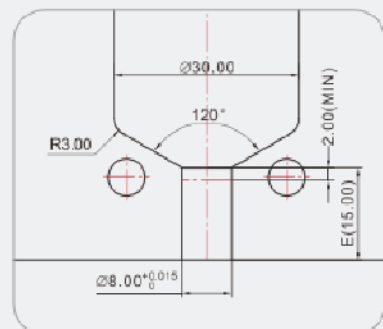
VE



VW



VG,VS



VL

PRM 25 VALVE SYSTEM

MODEL	L	HEATER	T/C
PRM25 □□	70~79.99	THOS 25 034 36 5	
PRM25 □□	80~89.99	THOS 25 044 36 5	NZ TP IC [CA] 16 065 2
PRM25 □□	90~99.99	THOS 25 054 36 5	
PRM25 □□	100~109.99	THOS 25 064 36 5	NZ TP IC [CA] 16 085 2
PRM25 □□	110~119.99	THOS 25 074 36 5	
PRM25 □□	120~129.99	THOS 25 084 36 5	NZ TP IC [CA] 16 105 2
PRM25 □□	130~139.99	THOS 25 094 36 5	
PRM25 □□	140~149.99	THOS 25 104 36 5	NZ TP IC [CA] 16 125 2
PRM25 □□	150~159.99	THOS 25 114 36 5	
PRM25 □□	160~169.99	THOS 25 124 36 5	NZ TP IC [CA] 16 145 2
PRM25 □□	170~179.99	THOS 25 134 36 5	
PRM25 □□	180~189.99	THOS 25 144 36 5	NZ TP IC [CA] 16 165 2
PRM25 □□	190~199.99	THOS 25 154 36 5	
PRM25 □□	200~209.99	THOS 25 164 36 5	NZ TP IC [CA] 16 185 2
PRM25 □□	210~219.99	THOS 25 174 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM25 □□	250~259.99	THOS 25 214 36 5	NZ TP IC [CA] 16 225 2

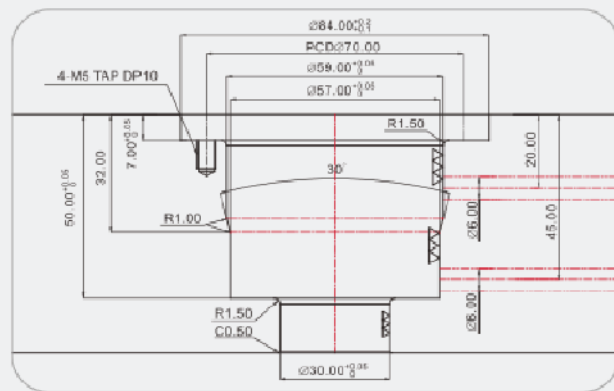
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =70mm 最长 (Max) =259.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型) 当热阻长度超过260mm时, 请做两段/三段发热。

CYLINDER PROCESS AREA

The model of cylinder rest with the size of gate or character of product, PRM25 match VCP50, also can match VCP40 or VCP60 if any especial case.

注:气缸的型号是取决于GATE的大小或产品的特性, 通常PRM25是取用VCP50, 特殊情况时也可采用VCP40或VCP60。

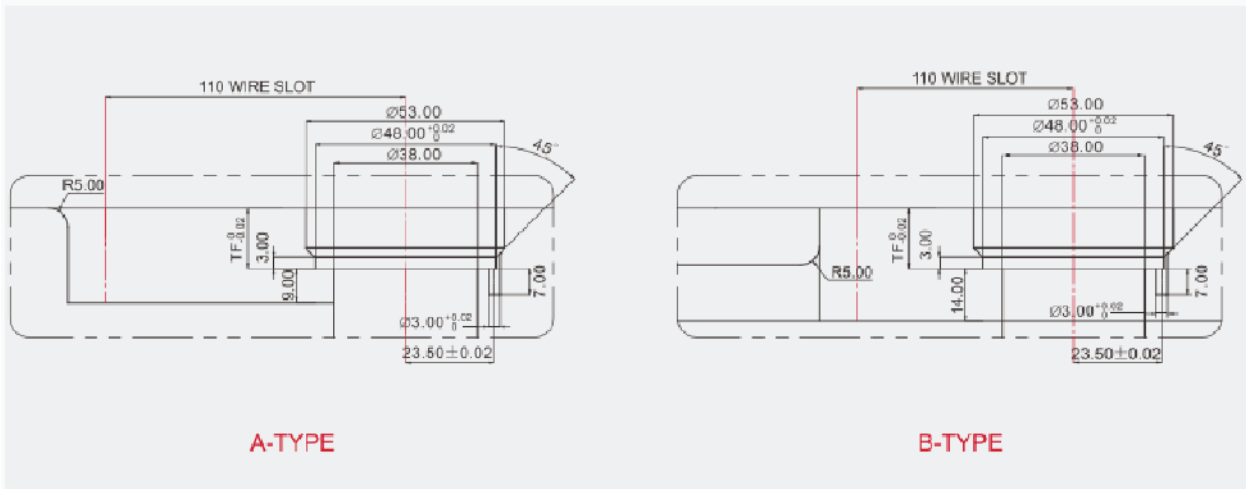


VCP50

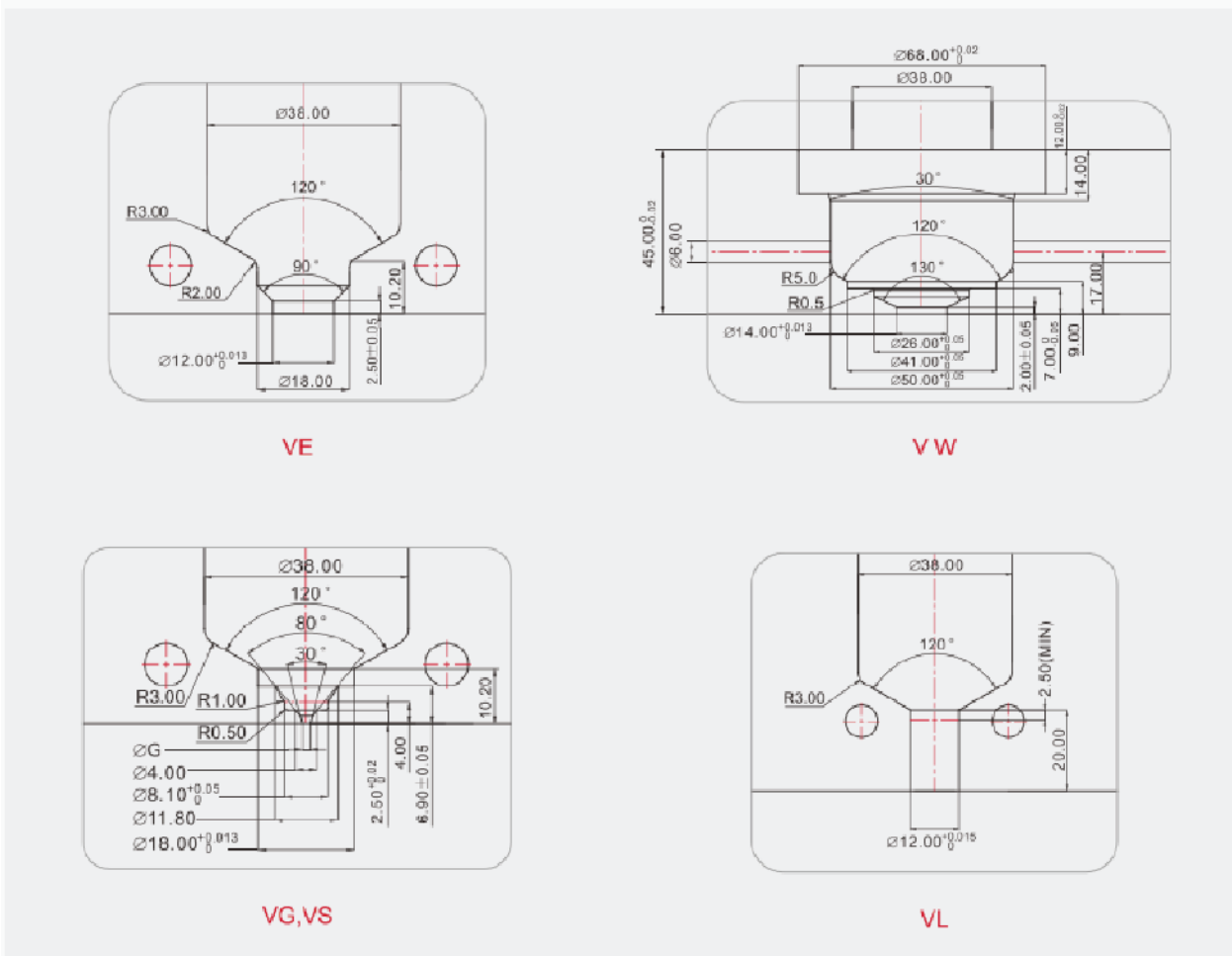


# Valve System Introduction

## FLANGE PROCESS AREA



## GATE PROCESS AREA



PRM 35 VALVE SYSTEM

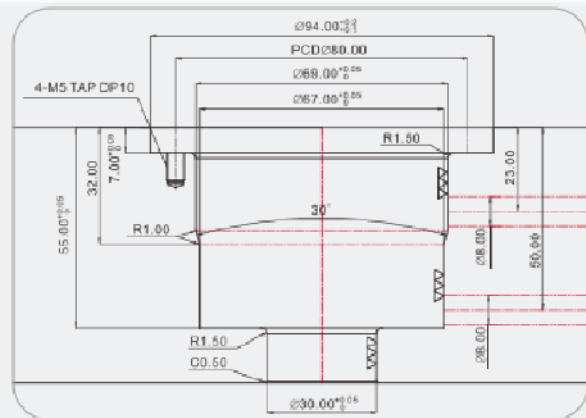
MODEL	L	HEATER	T/C
PRM35 □□	75~84.99	THOS 35 035 36 5	
PRM35 □□	85~94.99	THOS 35 045 36 5	NZ TP IC [CA] 16 065 2
PRM35 □□	95~104.99	THOS 35 055 36 5	
PRM35 □□	105~114.99	THOS 35 065 36 5	NZ TP IC [CA] 16 085 2
PRM35 □□	115~124.99	THOS 35 075 36 5	
PRM35 □□	125~134.99	THOS 35 085 36 5	NZ TP IC [CA] 16 105 2
PRM35 □□	135~144.99	THOS 35 095 36 5	
PRM35 □□	145~154.99	THOS 35 105 36 5	NZ TP IC [CA] 16 125 2
PRM35 □□	155~164.99	THOS 35 115 36 5	
PRM35 □□	165~174.99	THOS 35 125 36 5	NZ TP IC [CA] 16 145 2
PRM35 □□	175~184.99	THOS 35 135 36 5	
PRM35 □□	185~194.99	THOS 35 145 36 5	NZ TP IC [CA] 16 165 2
PRM35 □□	195~204.99	THOS 35 155 36 5	
PRM35 □□	205~214.99	THOS 35 165 36 5	NZ TP IC [CA] 16 185 2
PRM35 □□	215~224.99	THOS 35 175 36 5	
∫	∫	∫	∫
PRM35 □□	265~274.99	THOS 35 225 36 5	NZ TP IC [CA] 16 245 2

“□□”：浇口类型 (GATING TYPE)  
 长度“L”：最短 (Min) =75mm 最长 (Max) =274.99mm 感温线型号 (Thermocouple types)：IC (J型) 或CA (K型)  
 当热阻长度超过275mm时，请做两段/三段发热。

CYLINDER PROCESS AREA

The model of cylinder rest with the size of gate or character of product, PRM35 match VCP60, also can match VCP50 or VCP70 if any especial case.

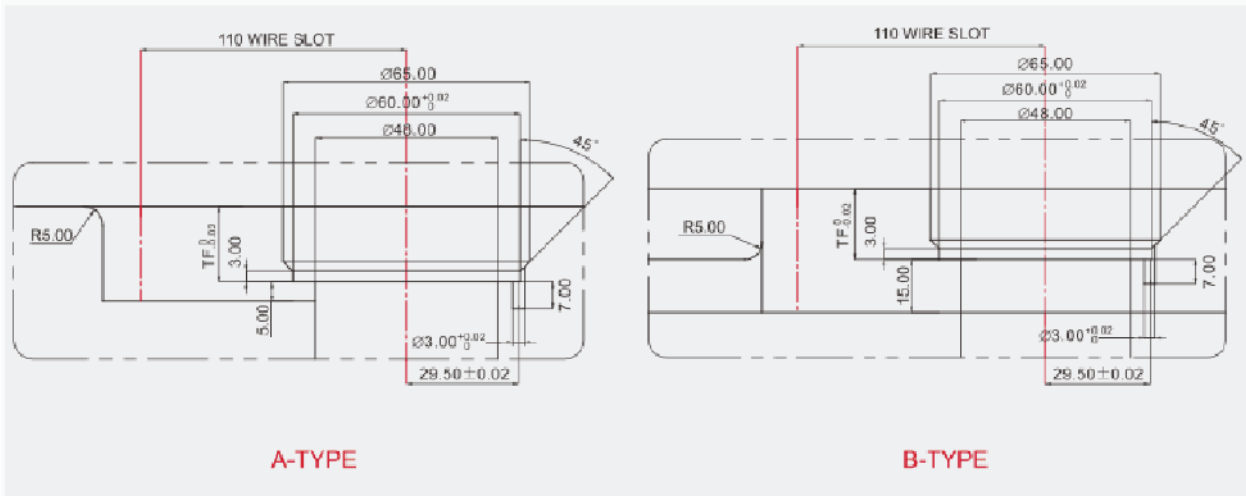
注:气缸的型号是取决于GATE的大小或产品的特性，通常PRM35是取用VCP60，特殊情况时也可采用VCP50或VCP70。



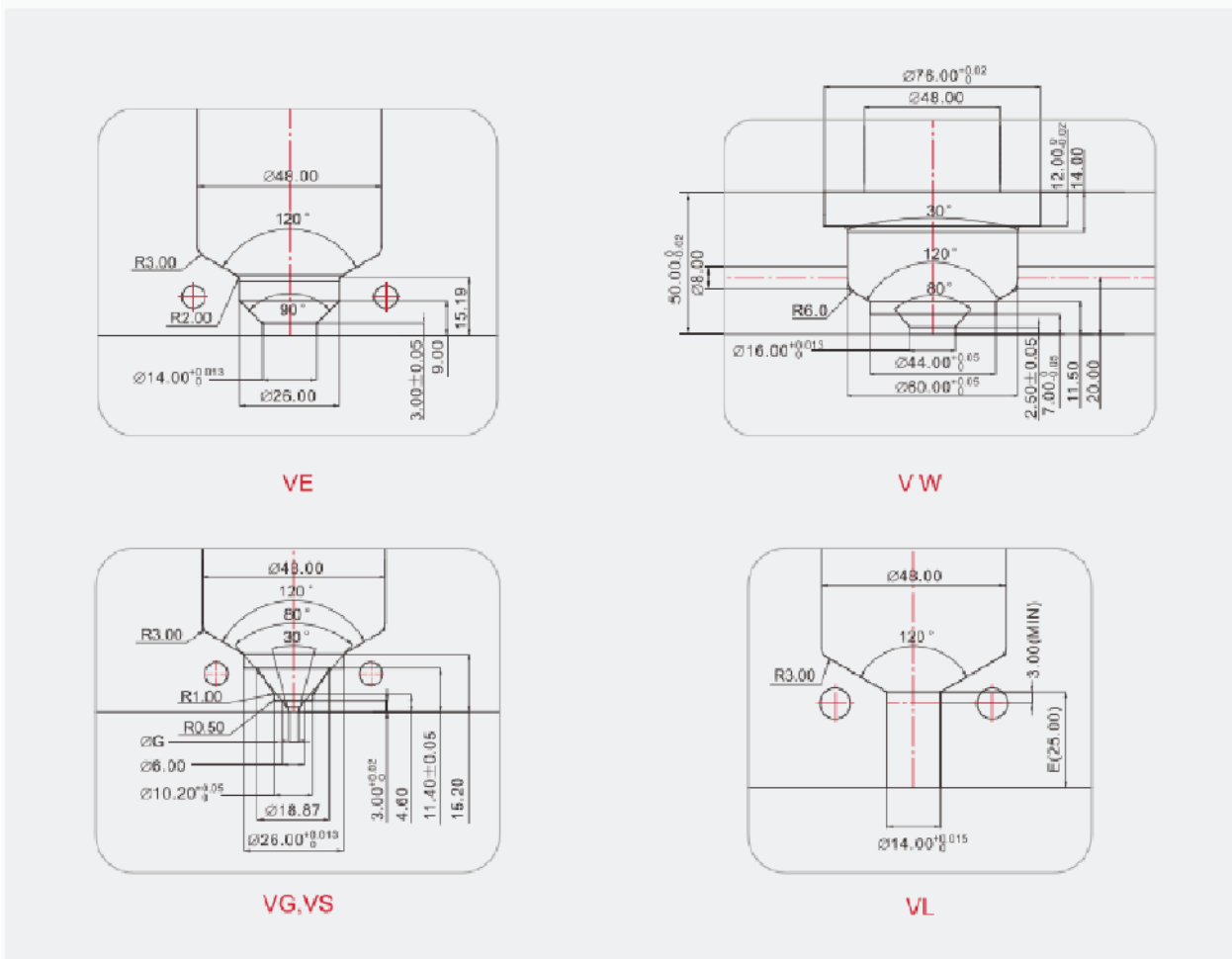
VCP60

# Valve System Introduction

## FLANGE PROCESS AREA



## GATE PROCESS AREA



PRM 45 VALVE SYSTEM

MODEL	L	HEATER	T/C
PRM45 □□	84~93.99	THOS 45 038 36 5	NZ TP IC [CA] 16 065 2
PRM45 □□	94~103.99	THOS 45 048 36 5	
PRM45 □□	104~113.99	THOS 45 058 36 5	NZ TP IC [CA] 16 085 2
PRM45 □□	114~123.99	THOS 45 068 36 5	
PRM45 □□	124~133.99	THOS 45 078 36 5	NZ TP IC [CA] 16 105 2
PRM45 □□	134~143.99	THOS 45 088 36 5	
PRM45 □□	144~153.99	THOS 45 098 36 5	NZ TP IC [CA] 16 125 2
PRM45 □□	154~163.99	THOS 45 108 36 5	
PRM45 □□	164~173.99	THOS 45 118 36 5	NZ TP IC [CA] 16 145 2
PRM45 □□	174~183.99	THOS 45 128 36 5	
PRM45 □□	184~193.99	THOS 45 138 36 5	NZ TP IC [CA] 16 165 2
PRM45 □□	194~203.99	THOS 45 148 36 5	
PRM45 □□	204~213.99	THOS 45 158 36 5	NZ TP IC [CA] 16 185 2
PRM45 □□	214~223.99	THOS 45 168 36 5	
PRM45 □□	224~233.99	THOS 45 178 36 5	NZ TP IC [CA] 16 205 2
PRM45 □□	234~243.99	THOS 45 188 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM45 □□	284~293.99	THOS 45 238 36 5	NZ TP IC [CA] 16 265 2

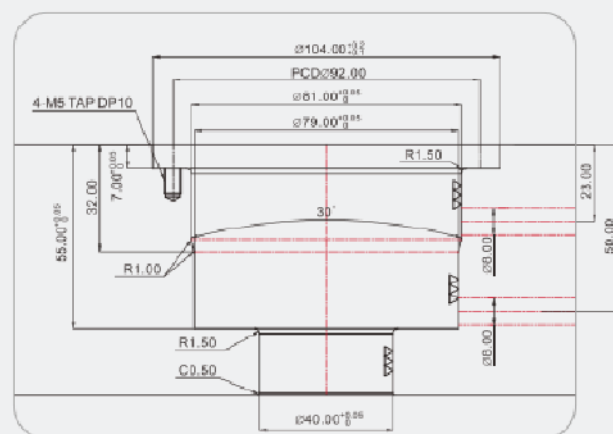
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =84mm 最长 (Max) =293.99mm 感温线型号 (Thermocouple types)：IC (J型) 或CA (K型)  
当热阻长度超过294mm时，请做两段/三段发热。

CYLINDER PROCESS AREA

The model of cylinder rest with the size of gate or character of product,PRM45 match VCP70, also can match VCP80 if any especial case.

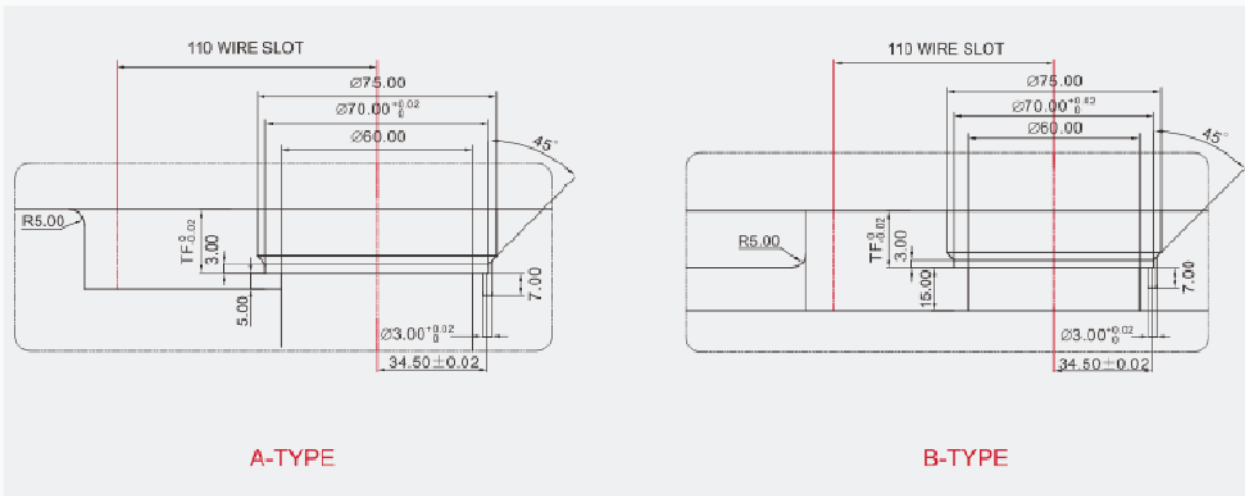
注:气缸的型号是取决于GATE的大小或产品的特性，通常PRM45是取用VCP70，特殊情况时也可采用VCP80。



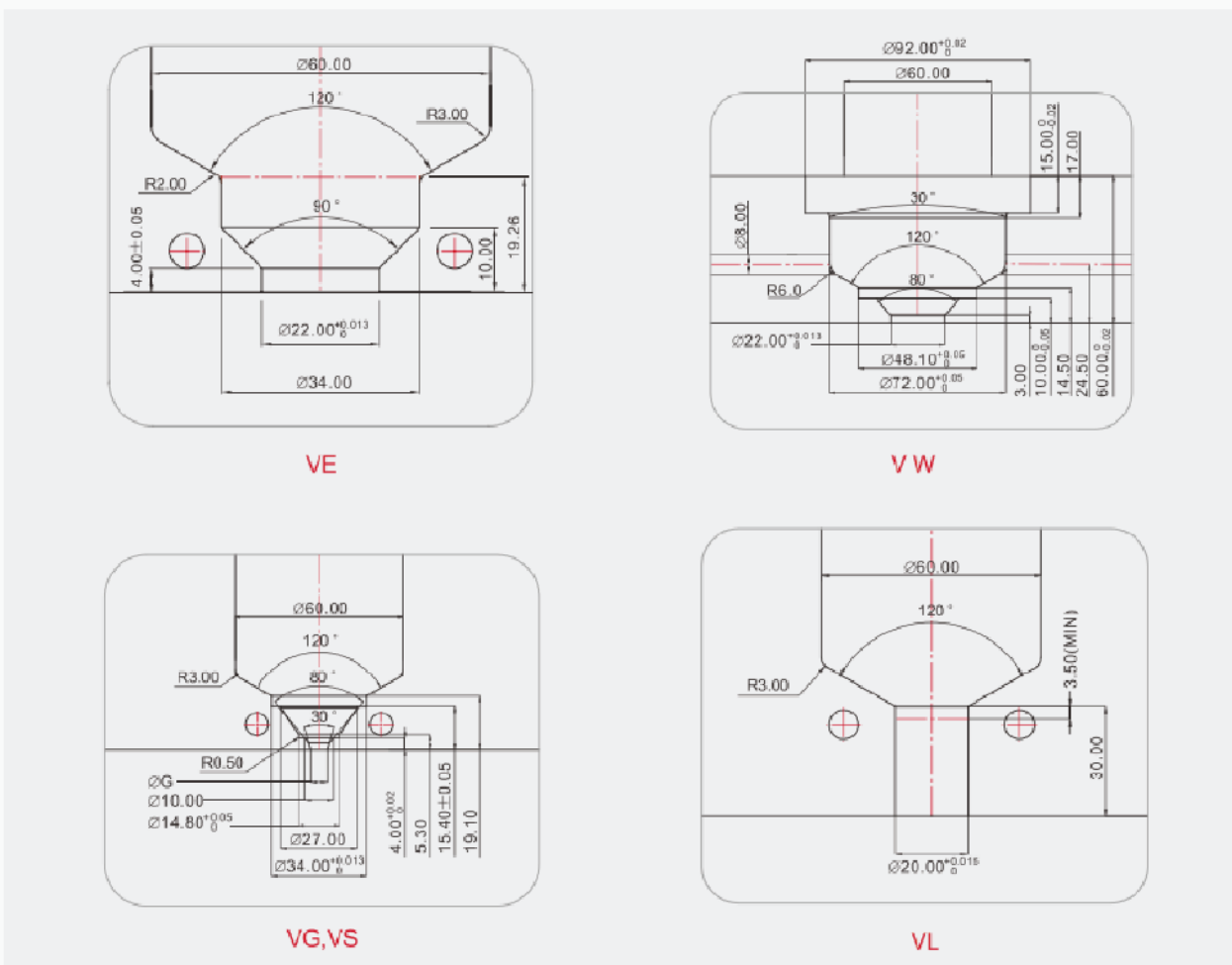
VCP70

# Valve System Introduction

## FLANGE PROCESS AREA



## GATE PROCESS AREA

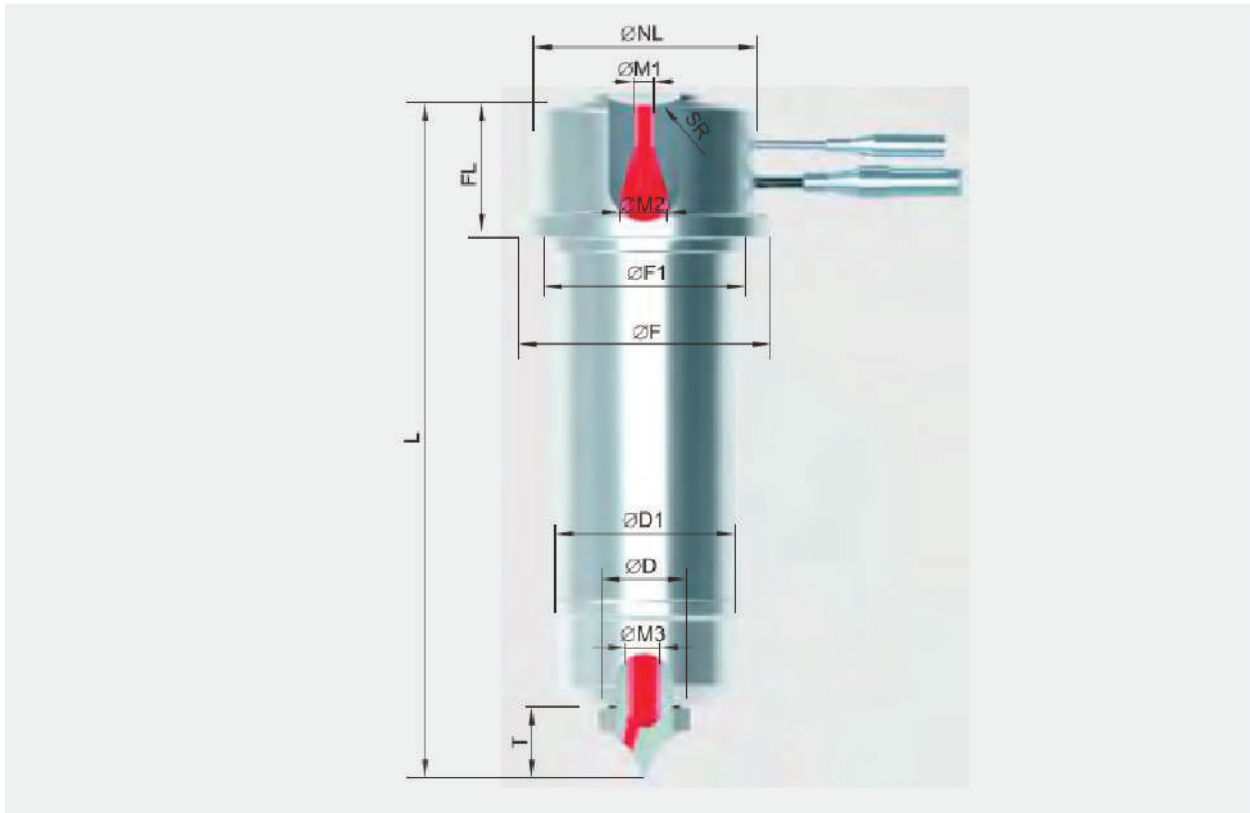


TECHNICAL DATA  
 TS / PLS OPEN NOZZLE  
 SSV-SINGLE VALVE

TS/PLS OPEN  
 SSV VALVE

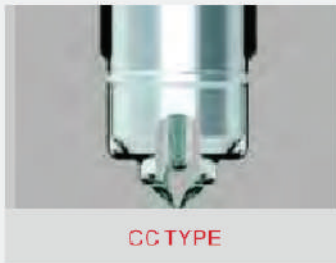
TS SERIES

Open System Introduction



Division	TS18	TS25	TS35	TS45
Model Number	TS-18-□□-□□□	TS-25-□□-□□□	TS-35-□□-□□□	TS-45-□□-□□□
Injection Volume	UP to 80gr	UP to 200gr	UP to 800gr	UP to 1000gr
SR	Customer's Specification			
$\varnothing M1$	4	4	6	6
$\varnothing M2$	8	10	12	16
$\varnothing M3$	5	7	9	13
L(CC)	70~190	80~250	90~270	100~290
$\varnothing NL$	38	47	58	69
$\varnothing D$	18.15	25.15	35.15	45.15
$\varnothing D1$	30	38	48	58
FL	25	28	32	34
T	10	15	20	25
$\varnothing F$	43	53	64	75
$\varnothing F1$	32	42	52	62
Tube Heater	TH OS 18□□4 230	TH OS 25□□9 230	TH OS 35□□0 230	TH OS 45□□3 230
Thermocouple	NZ TP□□10□□5R	NZ TP□□16□□52	NZ TP□□16□□52	NZ TP□□16□□52

GATING TYPE



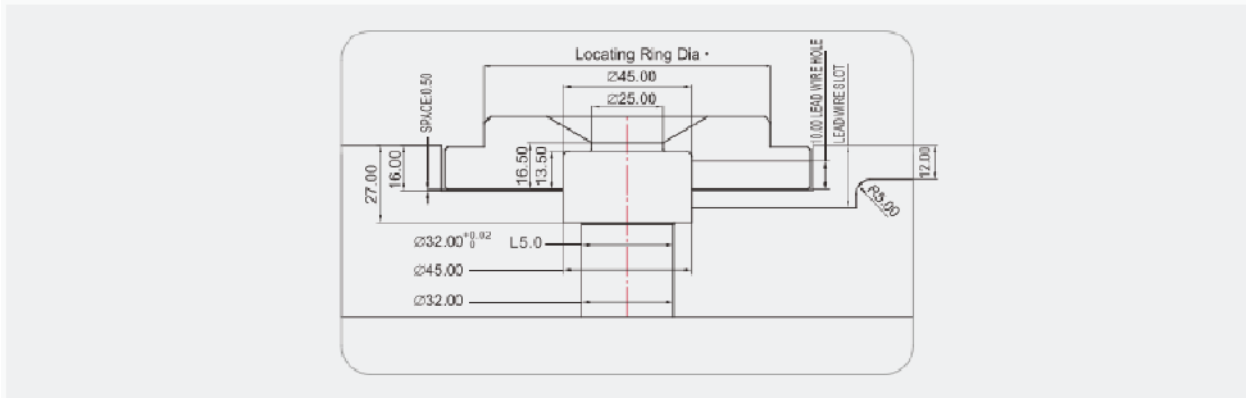
TS 18 OPEN SYSTEM

MODEL	L	HEATER	T/C
TS18□□	70	THOS 18 044 23 0	NZ TP IC [CA] 10 085 R
TS18□□	80	THOS 18 054 23 0	
TS18□□	90	THOS 18 064 23 0	NZ TP IC [CA] 10 085 R
TS18□□	100	THOS 18 074 23 0	
TS18□□	110	THOS 18 084 23 0	NZ TP IC [CA] 10 105 R
TS18□□	120	THOS 18 094 23 0	
TS18□□	130	THOS 18 104 23 0	NZ TP IC [CA] 10 125 R
TS18□□	140	THOS 18 114 23 0	
TS18□□	150	THOS 18 124 23 0	NZ TP IC [CA] 10 145 R
TS18□□	160	THOS 18 134 23 0	
TS18□□	170	THOS 18 144 23 0	NZ TP IC [CA] 10 165 R
TS18□□	180	THOS 18 154 23 0	
TS18□□	190	THOS 18 164 23 0	NZ TP IC [CA] 10 185 R

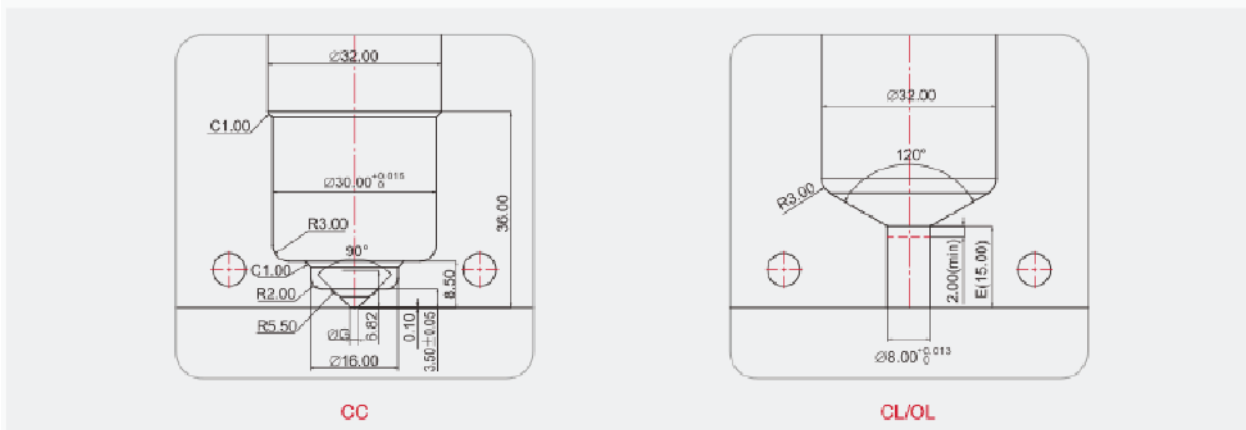
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =70mm 最长 (Max) =190mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA





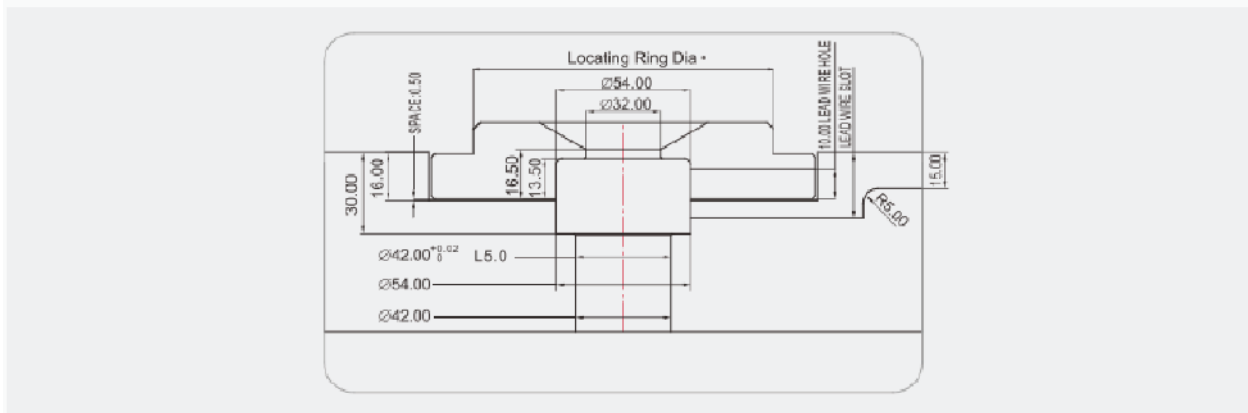
TS 25 OPEN SYSTEM

MODEL	L	HEATER	T/C
TS25□□	80	THOS 25 049 23 0	NZ TP IC [CA] 16 065 2
TS25□□	90	THOS 25 059 23 0	NZ TP IC [CA] 16 085 2
TS25□□	100	THOS 25 069 23 0	NZ TP IC [CA] 16 105 2
TS25□□	110	THOS 25 079 23 0	NZ TP IC [CA] 16 125 2
TS25□□	120	THOS 25 089 23 0	NZ TP IC [CA] 16 145 2
TS25□□	130	THOS 25 099 23 0	NZ TP IC [CA] 16 165 2
TS25□□	140	THOS 25 109 23 0	NZ TP IC [CA] 16 185 2
TS25□□	150	THOS 25 119 23 0	NZ TP IC [CA] 16 205 2
TS25□□	160	THOS 25 129 23 0	NZ TP IC [CA] 16 225 2
TS25□□	170	THOS 25 139 23 0	NZ TP IC [CA] 16 245 2
TS25□□	180	THOS 25 149 23 0	NZ TP IC [CA] 16 265 2
∫	∫	∫	∫
TS25□□	250	THOS 25 219 23 0	NZ TP IC [CA] 16 245 2

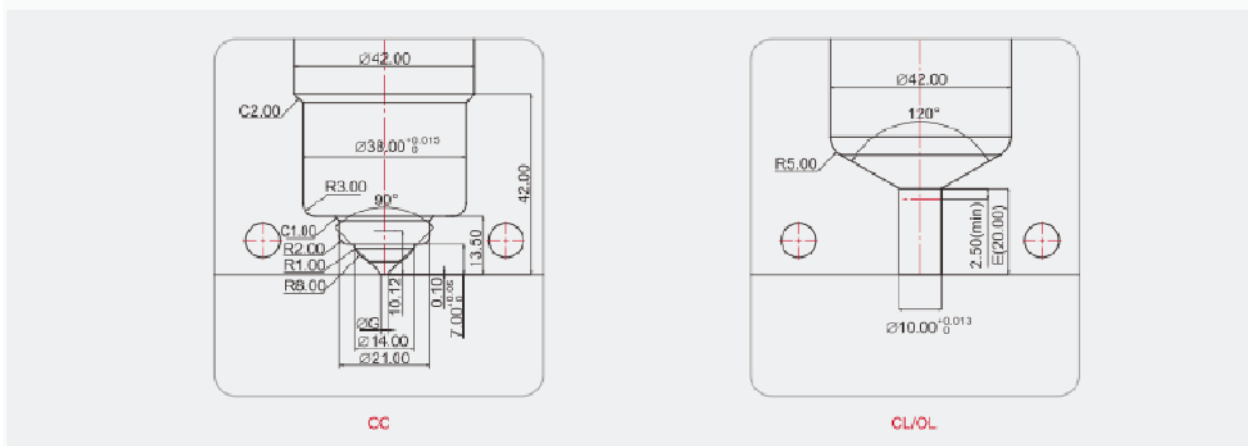
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =80mm 最长 (Max) =250mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA



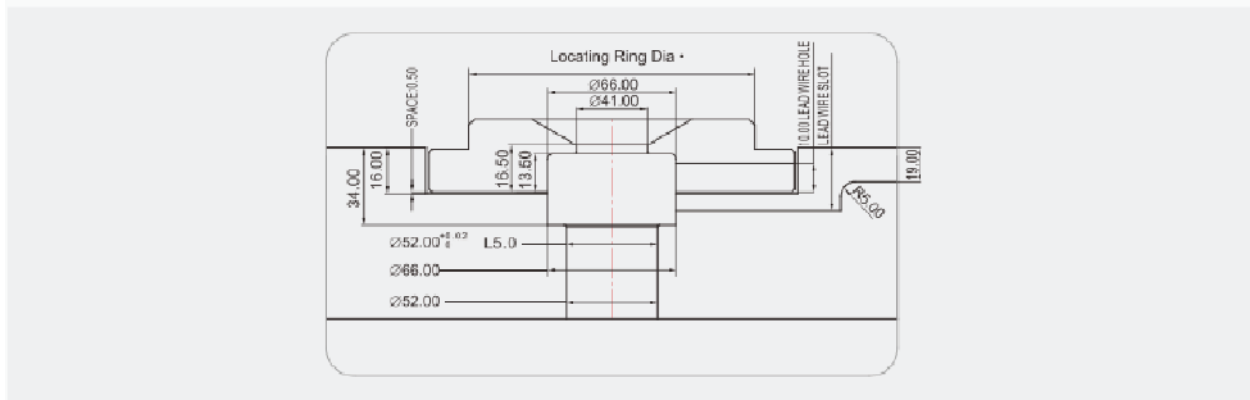
TS 35 OPEN SYSTEM

MODEL	L	HEATER	T/C
TS35□□	90	THOS 35 050 23 0	NZ TP IC [CA] 16 065 2
TS35□□	100	THOS 35 060 23 0	NZ TP IC [CA] 16 085 2
TS35□□	110	THOS 35 070 23 0	NZ TP IC [CA] 16 105 2
TS35□□	120	THOS 35 080 23 0	NZ TP IC [CA] 16 125 2
TS35□□	130	THOS 35 090 23 0	NZ TP IC [CA] 16 145 2
TS35□□	140	THOS 35 100 23 0	NZ TP IC [CA] 16 165 2
TS35□□	150	THOS 35 110 23 0	NZ TP IC [CA] 16 185 2
TS35□□	160	THOS 35 120 23 0	NZ TP IC [CA] 16 205 2
TS35□□	170	THOS 35 130 23 0	NZ TP IC [CA] 16 225 2
TS35□□	180	THOS 35 140 23 0	NZ TP IC [CA] 16 245 2
TS35□□	190	THOS 35 150 23 0	NZ TP IC [CA] 16 265 2
∫	∫	∫	∫
TS35□□	270	THOS 35 230 23 0	NZ TP IC [CA] 16 245 2

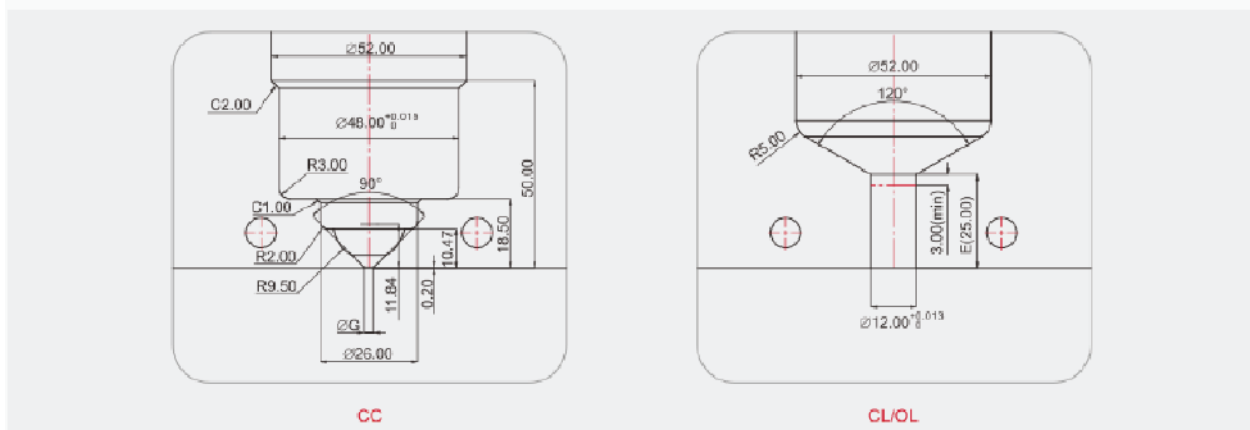
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =90mm 最长 (Max) =270mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA



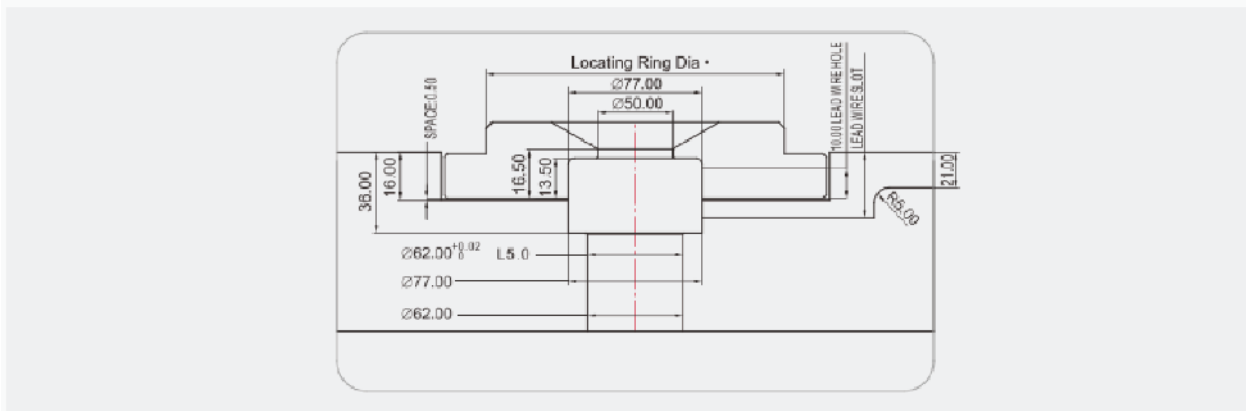
TS 45 OPEN SYSTEM

MODEL	L	HEATER	T/C
TS45□□	100	THOS 45 053 23 0	NZ TP IC [CA] 16 065 2
TS45□□	110	THOS 45 063 23 0	NZ TP IC [CA] 16 085 2
TS45□□	120	THOS 45 073 23 0	NZ TP IC [CA] 16 105 2
TS45□□	130	THOS 45 083 23 0	NZ TP IC [CA] 16 125 2
TS45□□	140	THOS 45 093 23 0	NZ TP IC [CA] 16 145 2
TS45□□	150	THOS 45 103 23 0	NZ TP IC [CA] 16 165 2
TS45□□	160	THOS 45 113 23 0	NZ TP IC [CA] 16 185 2
TS45□□	170	THOS 45 123 23 0	NZ TP IC [CA] 16 205 2
TS45□□	180	THOS 45 133 23 0	NZ TP IC [CA] 16 225 2
TS45□□	190	THOS 45 143 23 0	NZ TP IC [CA] 16 245 2
TS45□□	200	THOS 45 153 23 0	NZ TP IC [CA] 16 265 2
∫	∫	∫	∫
TS45□□	290	THOS 45 243 23 0	NZ TP IC [CA] 16 265 2

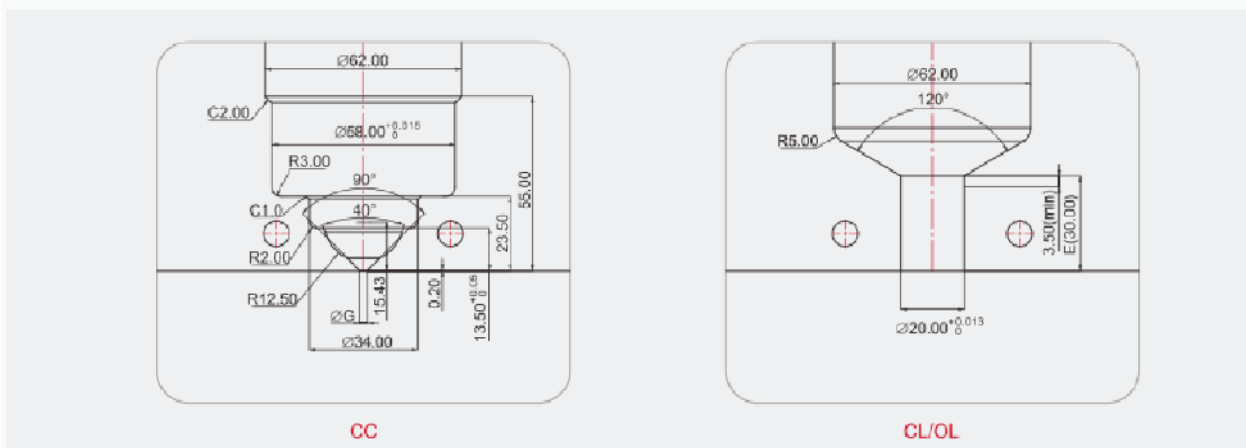
"□□": 浇口类型 (GATING TYPE)

长度"L": 最短 (Min) =100mm 最长 (Max) =290mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

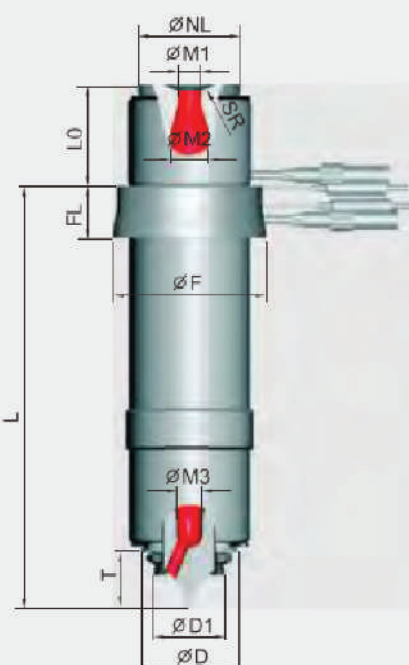
FLANGE PROCESS AREA



GATE PROCESS AREA



PLS SERIES



**How to read Nozzle Model**

PLS 18 CC 070

- Length(STD) 喷嘴长度
- Gate Type 浇口类型
- Nozzle Model 喷嘴型号
- System name 系统名称

**How to read Thermocouple Code**

NZ TP IC [CA] 16 065 R

- Revision 版本号
- TiC length 感温线长度 (065=65mm)
- TiC Dia 感温线线径 (16=∅1.6mm)
- TiC type 感温线类型 (IC=J 型, CA=K 型)
- Probe type 针式感温线

**How to read Heater Code**

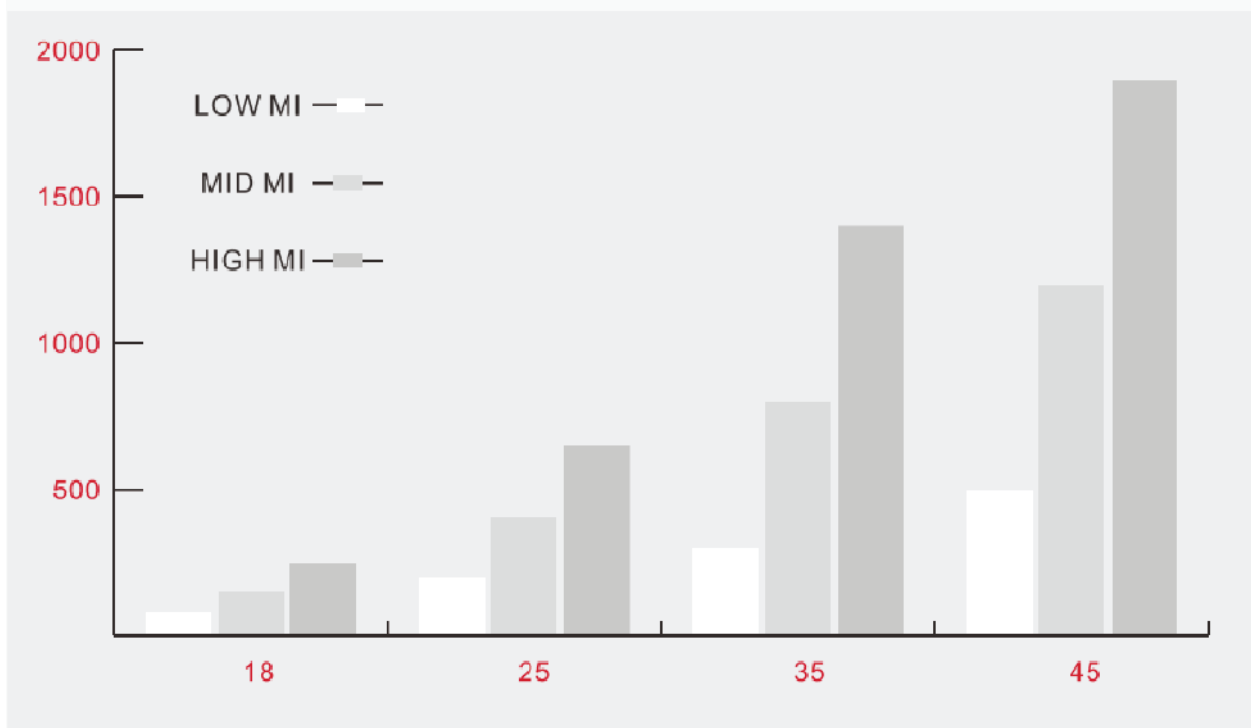
TH OS 45 038 36 5

- Revision 设计版本
- Heater Thickness 发热管厚度 (1.8, 3.6)
- Heater length 发热管长度
- Nozzle Model 喷嘴型号 (18-45)
- Wiring Type 出线方式 (TS, OS)
- Heater Type 发热管型式 (TUBE HEATER)

Division	PLS 18	PLS 25	PLS 35	PLS 45
Model Number	PLS -18-□□-□□□	PLS -25-□□-□□□	PLS -35-□□-□□□	PLS -45-□□-□□□
Injection Volume	UP to 250gr	UP to 650gr	UP to 1400gr	Over 1900gr
SR	21	21	21	21
∅ M1	4	6	8	8
∅ M2	8	10	12	16
∅ M3	5	7	9	13
L0	40	40	45	45
L CC,CE,CH,CW,CL,OL	60~180	65~485	75~555	85~505
	SL	55~175	60~540	65~485
∅ NL	25	35	45	45
∅ D	18.15	25.15	35.15	45.15
∅ D1	13	18	26	34
FL	20	20	23	25
T	11	16	21	26
∅ F	38	48	58	68
Tube Heater	TH OS 18 □□ □ 36 5	TH OS 25 □□ □ 36 5	TH OS 35 □□ □ 36 5	TH OS 45 □□ □ 36 5
Thermocouple	NZ TP □□ 16 □□ 5 R	NZ TP □□ 16 □□ 5 2	NZ TP □□ 16 □□ 5 2	NZ TP □□ 16 □□ 5 2

NOZZLE SHOT DIAGRAM

PLS OPEN SHOT WEIGHT(g)					
		PLS-18	PLS-25	PLS-35	PLS-45
SHOT WEIGHT	LOW MI	80	200	300	500
	MID MI	150	400	800	1200
	HIGH MI	250	650	1400	1900



GATING TYPE



CC TYPE



CH TYPE



CE TYPE



CW TYPE



SL TYPE

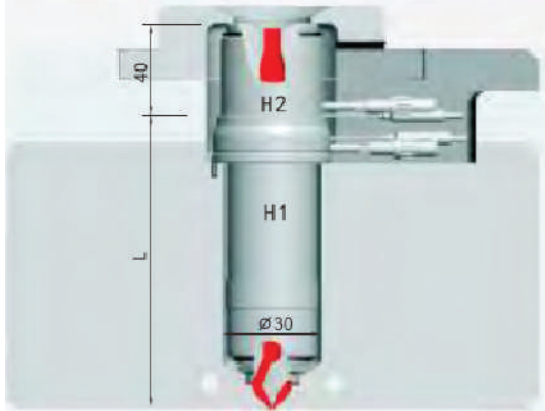


CL TYPE

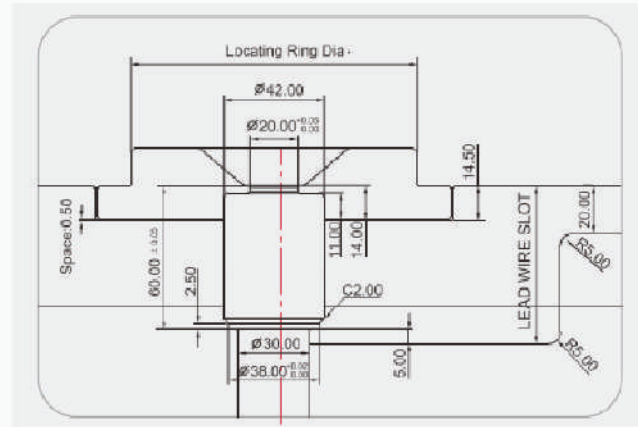


OL TYPE

PLS 18 SERIES



FLANGE PROCESS AREA

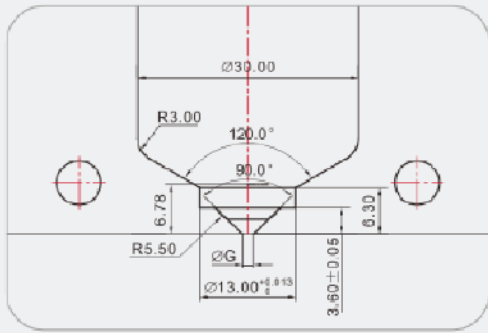


MODEL	L	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
PLS 18 □□	060	THOS 18 036 36 5	NZ TP IC [CA] 16 085 R		
PLS 18 □□	070	THOS 18 046 36 5			
PLS 18 □□	080	THOS 18 056 36 5	NZ TP IC [CA] 16 085 R		
PLS 18 □□	090	THOS 18 066 36 5			
PLS 18 □□	100	THOS 18 076 36 5	NZ TP IC [CA] 16 105 R		
PLS 18 □□	110	THOS 18 086 36 5			
PLS 18 □□	120	THOS 18 096 36 5	NZ TP IC [CA] 16 125 R	THOS 25 034 365	NZ TP IC [CA] 16 65 R
PLS 18 □□	130	THOS 18 106 36 5			
PLS 18 □□	140	THOS 18 116 36 5	NZ TP IC [CA] 16 145 R		
PLS 18 □□	150	THOS 18 126 36 5			
PLS 18 □□	160	THOS 18 136 36 5	NZ TP IC [CA] 16 165 R		
PLS 18 □□	170	THOS 18 146 36 5			
PLS 18 □□	180	THOS 18 156 36 5	NZ TP IC [CA] 16 185 R		

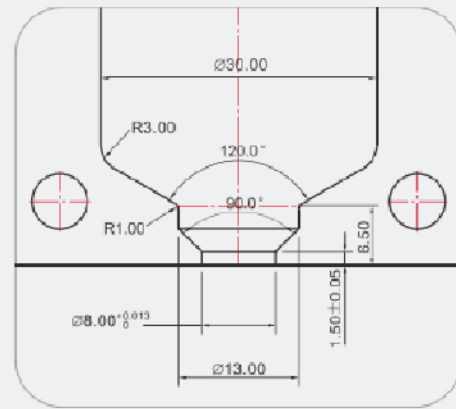
"□□": 浇口类型 (GATING TYPE)

长度"L": 最短 (Min) = 60mm 最长 (Max) = 180mm 感温线型号 (Thermocouple types): IC (J型) 或CA (K型)

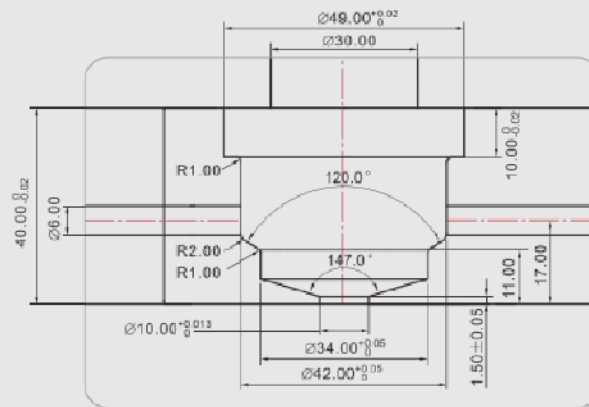
GATE PROCESS AREA



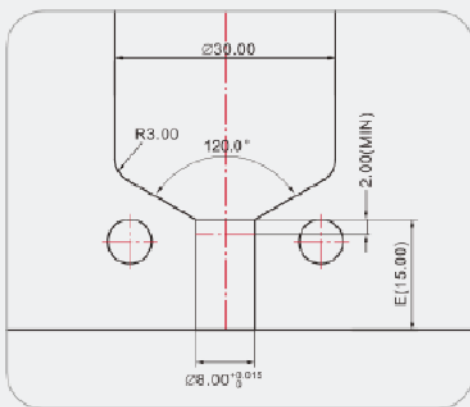
CC,CH



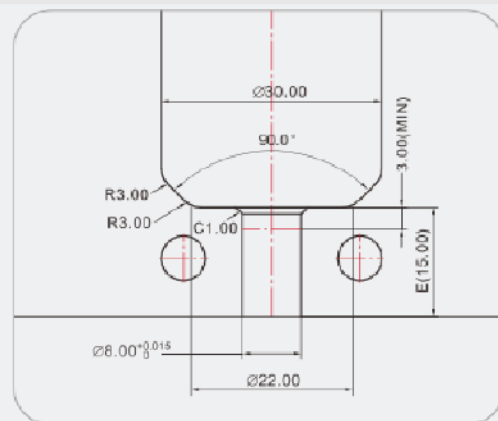
CE



CW



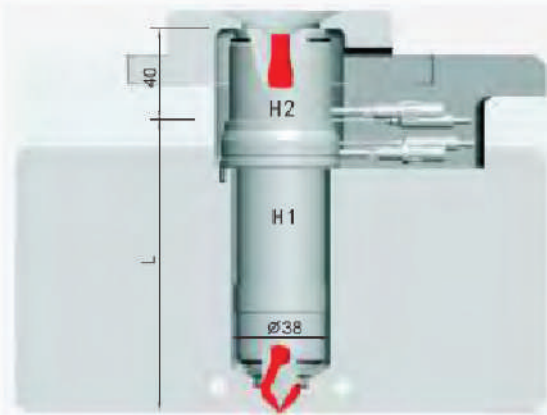
CL,OL



SL



PLS 25 SERIES

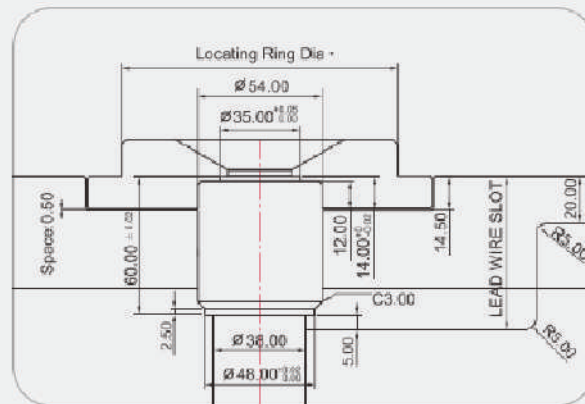


MODEL	L	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
PLS 25□□	065	THOS 25 034 36 5	NZ TP IC [CA] 16 065 2	THOS 35 035 36 5	NZ TP IC [CA] 16 065 2
PLS 25□□	075	THOS 25 044 36 5			
∫	∫	∫	∫		
PLS 25□□	245	THOS 25 214 36 5	NZ TP IC [CA] 16 225 2		

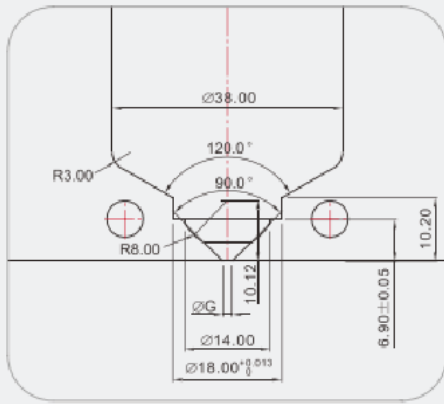
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) = 65mm 最长 (Max) = 245mm 感温线型号 (Thermocouple types)：IC (J型) 或CA (K型)

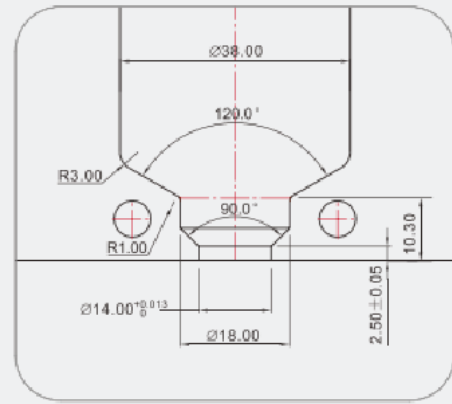
FLANGE PROCESS AREA



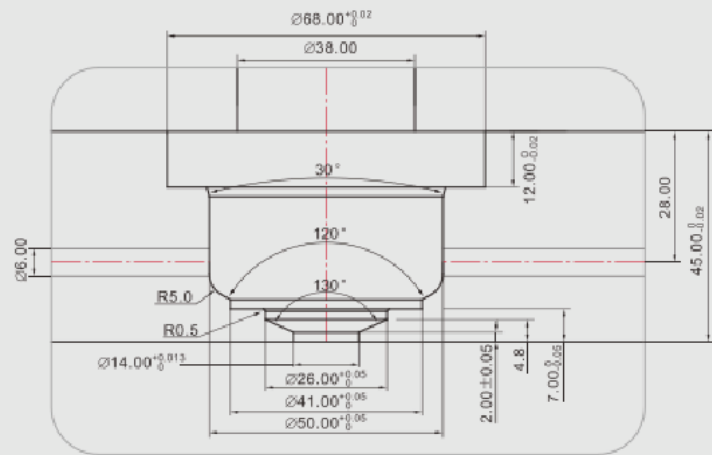
GATE PROCESS AREA



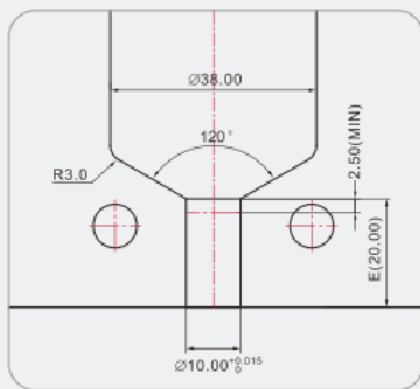
CC / CH



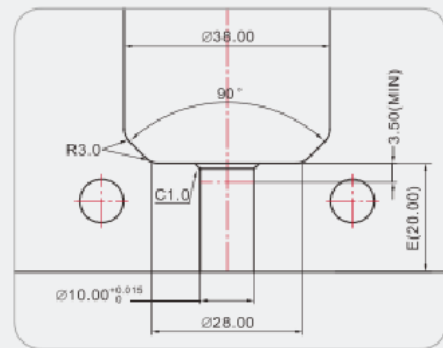
CE



CW

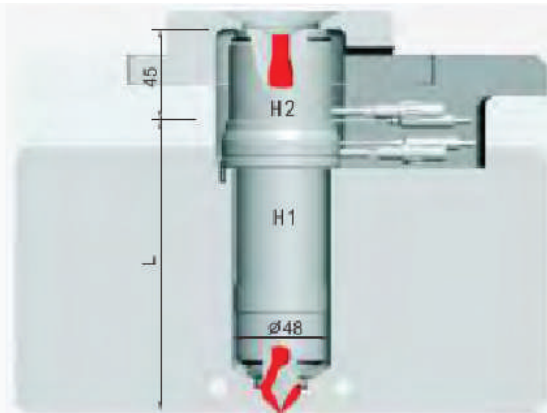


OL,CL



SL

PLS 35 SERIES

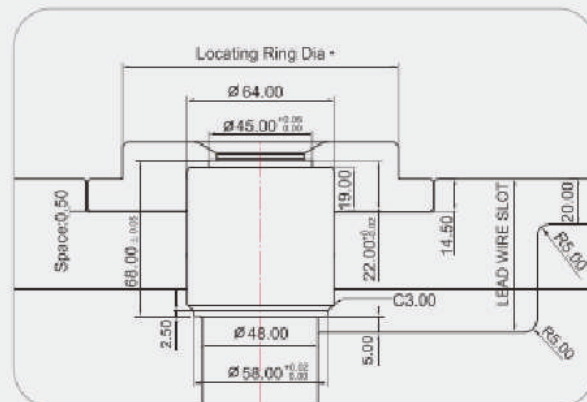


MODEL	L	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
PLS 35□□	075	THOS 35 035 36 5	NZ TP IC [CA] 16 065 2		
PLS 35□□	085	THOS 35 045 36 5		THOS 45 038 36 5	NZ TP IC [CA] 16 065 2
∫	∫	∫	∫		
PLS 35□□	265	THOS 35 225 36 5	NZ TP IC [CA] 16 245 2		

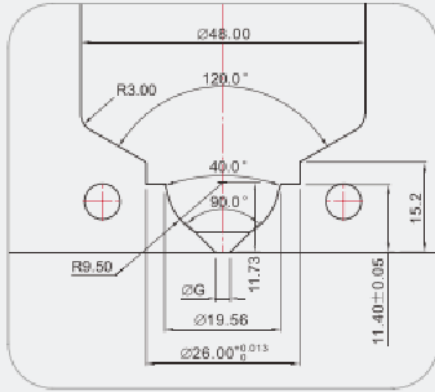
"□□": 浇口类型 (GATING TYPE)

长度"L": 最短 (Min) = 75mm 最长 (Max) = 265mm 感温线型号 (Thermocouple types): IC (J型) 或 CA (K型)

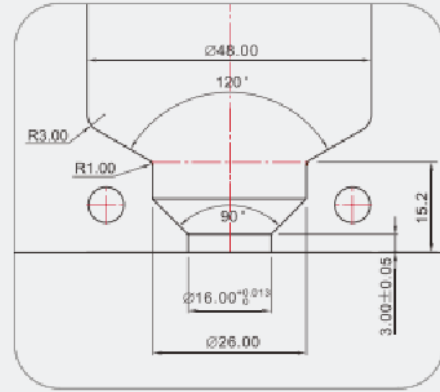
FLANGE PROCESS AREA



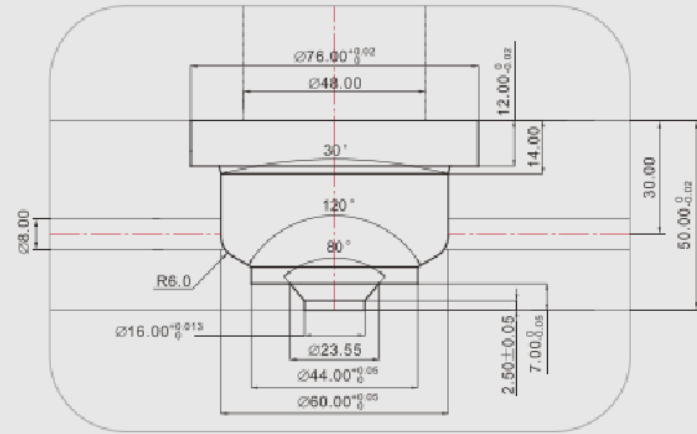
GATE PROCESS AREA



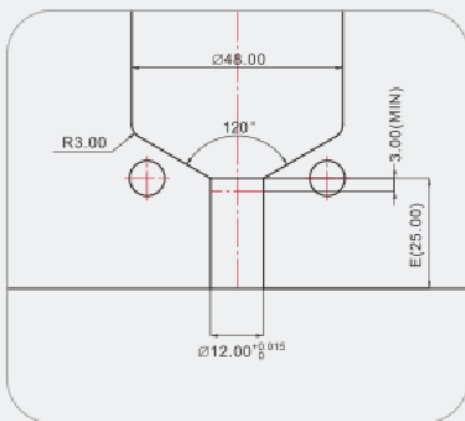
CC / CH



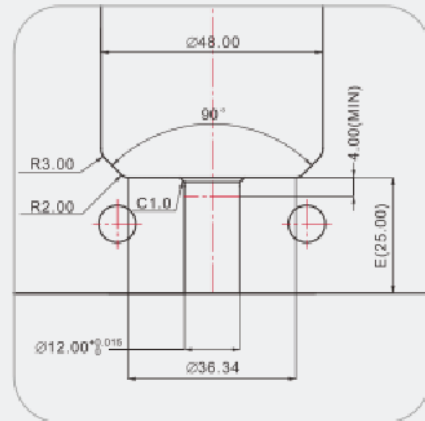
CE



CW

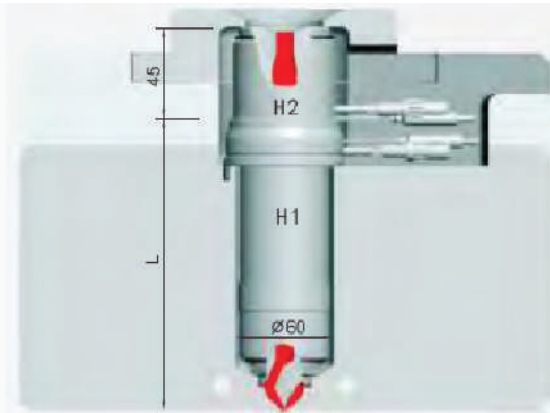


OL,CL



SL

PLS 45 SERIES

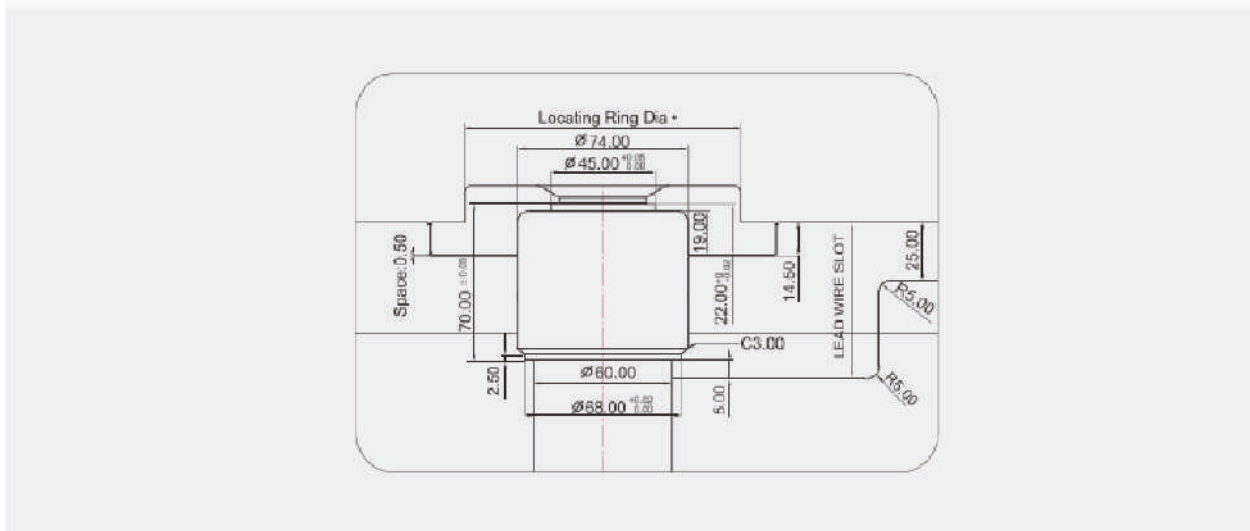


MODEL	L	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
PLS 45□□	085	THOS 45 038 36 5	NZ TP IC [CA] 16 065 2		
PLS 45□□	095	THOS 45 048 36 5	NZ TP IC [CA] 16 085 2	THOS 45 038 36 5	NZ TP IC [CA] 16 065 2
f	f	f	f		
PLS 45□□	285	THOS 45 238 36 5	NZ TP IC [CA] 16 265 2		

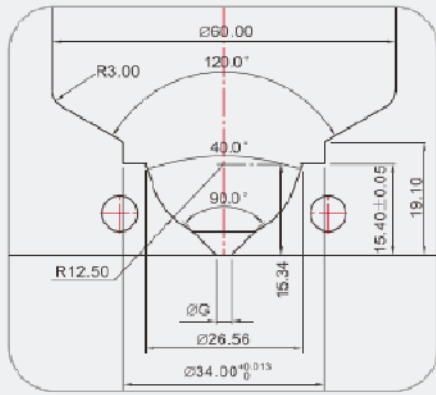
"□□": 浇口类型 (GATING TYPE)

长度"L": 最短 (Min) = 85mm 最长 (Max) = 505mm 感温线型号 (Thermocouple types): IC (J型) 或CA (K型)

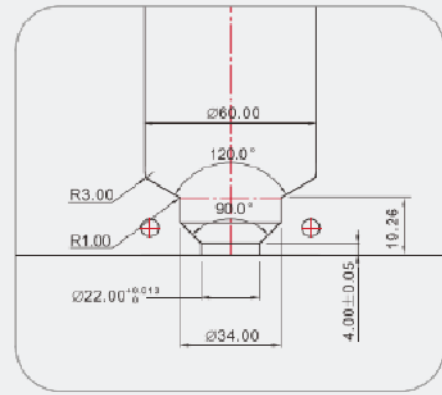
FLANGE PROCESS AREA



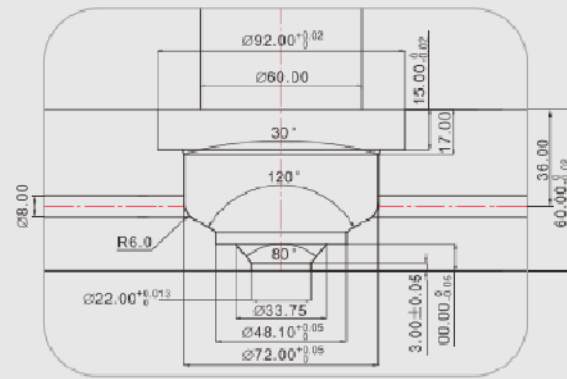
GATE PROCESS AREA



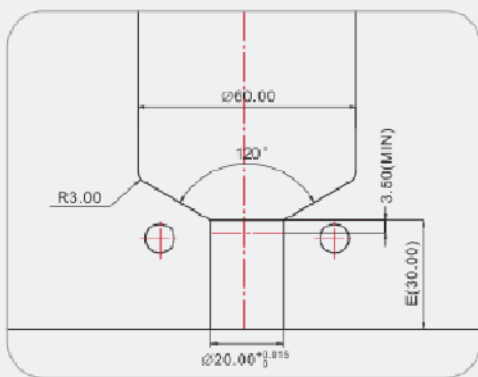
CC / CH



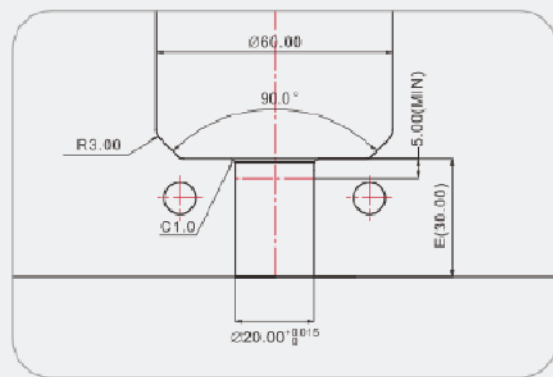
CE



CW

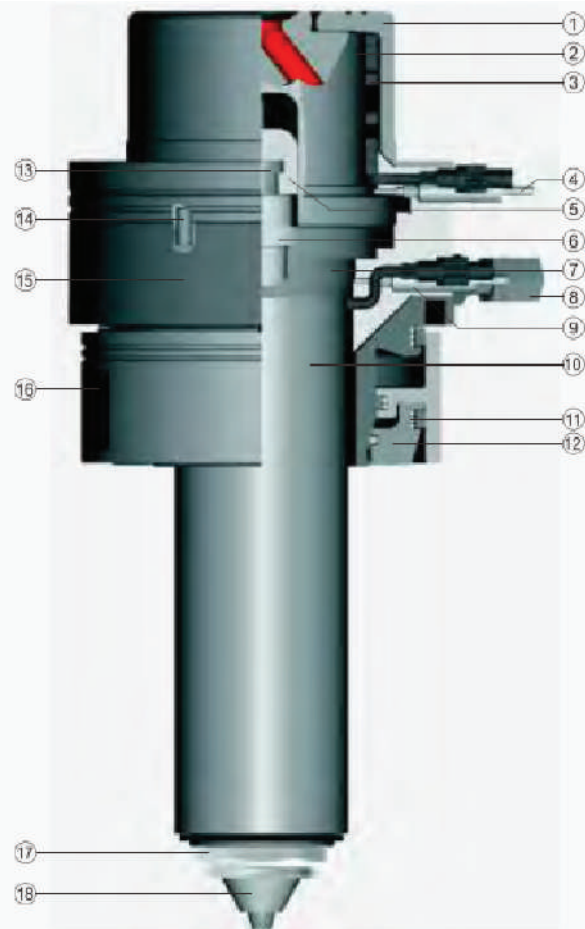


OL,CL



SL

## SSV Single Valve Introduction

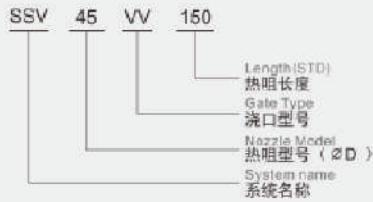


- |                                 |                            |
|---------------------------------|----------------------------|
| ① TOP COVER ( 上盖 )              | ⑪ O-RING ( 密封圈 )           |
| ② HEAD BODY ( 主喷嘴本体 )           | ⑫ CYLINDER BOTTOM ( 气缸底板 ) |
| ③ HEAD BODY HEATER ( 主喷嘴本体加热器 ) | ⑬ VALVE PIN ( 阀针 )         |
| ④ THERMOCOUPLE ( 感温线 )          | ⑭ LOCK PIN ( 防转销 )         |
| ⑤ PISTON IN ( 内活塞 )             | ⑮ HOUSING ( 气缸缸体 )         |
| ⑥ PIN GUIDE BUSH ( 阀针套 )        | ⑯ PISTON OUT ( 外活塞 )       |
| ⑦ NOZZLE BODY ( 喷嘴本体 )          | ⑰ UNION ( 浇口套 )            |
| ⑧ AIR NIPPLE ( 气管接头 )           | ⑱ TIP ( 咀尖 )               |
| ⑨ THERMOCOUPLE ( 感温线 )          |                            |
| ⑩ HEATER ( 喷嘴本体加热器 )            |                            |

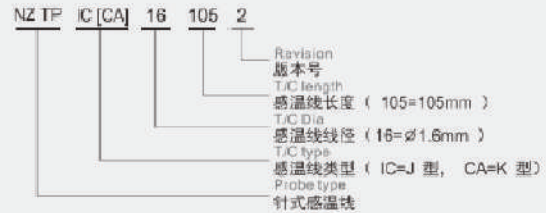
# SSV Single Vavle Introduction



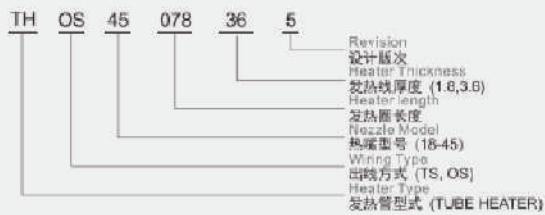
## How to read Nozzle Model



## How to read Thermocouple Code



## How to read Heater Code





## SSV Single Valve Introduction

Division	SSV18	SSV25	SSV35	SSV45
Model Number	SSV-18-□□-□□□□	SSV-25-□□□□□□	SSV-35-□□-□□□□	SSV-45-□□-□□□□
Injection Volume	UP to 100gr	UP to 350gr	UP to 800gr	Over 2100gr
SR	21	21	21	21
∅A1	68	68	84	84
∅A2	105	105	120	120
L	125~215	130~270	140~300	150~310
L1	37~127	42~182	55~205	55~215
L2	88	88	95	95
T	11	16	21	26
∅M	8	8	14	14
∅M1	5.5	5.5	9	9
∅M2	8	10	12	22
∅P	4	4	6	10
∅G	1.5/2.0/2.5	1.5/2.0/2.5	2.5/3.0/4.0	4.0/5.0/6.0/7.0
∅D	18.15	25.15	35.15	45.15
∅D1	13	18	26	34
∅D2	27.2	34.2	44.2	54.2
△H	28	28	30.5	30.5
△H1	5.2	5.2	-0.3	-0.3
△H2	20	20	20.5	20.5
Tube Heater(H1)	TH OS 18□□□□6 36 5	TH OS 25□□□□4 36 5	TH OS 35□□□□5 36 5	TH OS 45□□□□8 36 5
Thermocouple	NZ TP□□□□16 □□□ 5 R	NZ TP□□□□16 □□□ 5 2	NZ TP□□□□16 □□□ 5 2	NZ TP□□□□16 □□□ 5 2

Actual Length of Nozzle when delivered

$$\Delta L = (L - T - \Delta H) \times 1.2 \times 10^{-5} \times (\text{Injection Temp} - \text{Mold Temp})$$

$$\text{Actual Length of Nozzle (N1)} = (L - T - \Delta H2) - \Delta L$$

例：SSV 25 VV 140（射出温度：250℃/模具温度：50℃）

$$\Delta L \text{热膨胀数} = [(140 - 16 - 28) \times 1.2 \times 10^{-5} \times (250 - 50)] = 0.23$$

$$\text{本体实际长度 (N1)} : (140 - 16 - 20) - 0.23 = 103.77$$

如何计算阀针长度

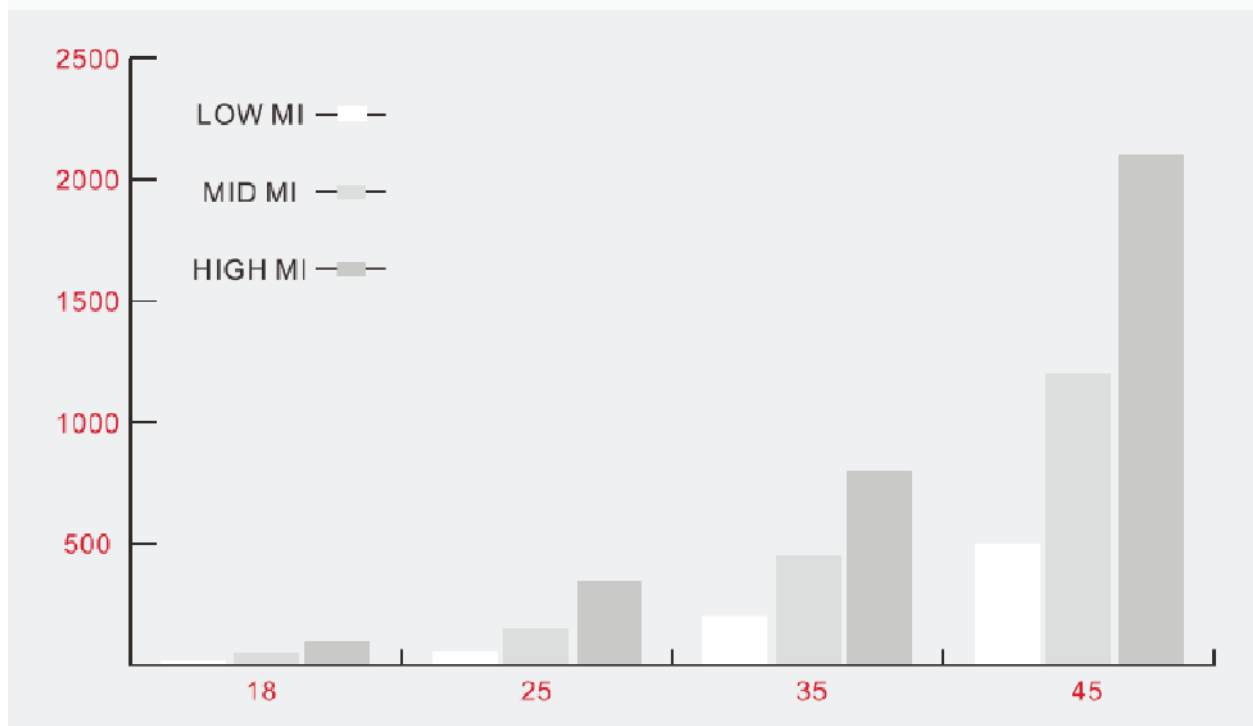
$$\text{阀针长度} = L - \Delta H1 + 0.5 + 1$$

例：SSV 45 VV 140

$$\text{阀针长度} = 140 + 0.3 + 0.5 + 1 = 141.8$$

NOZZLE SHOT DIAGRAM

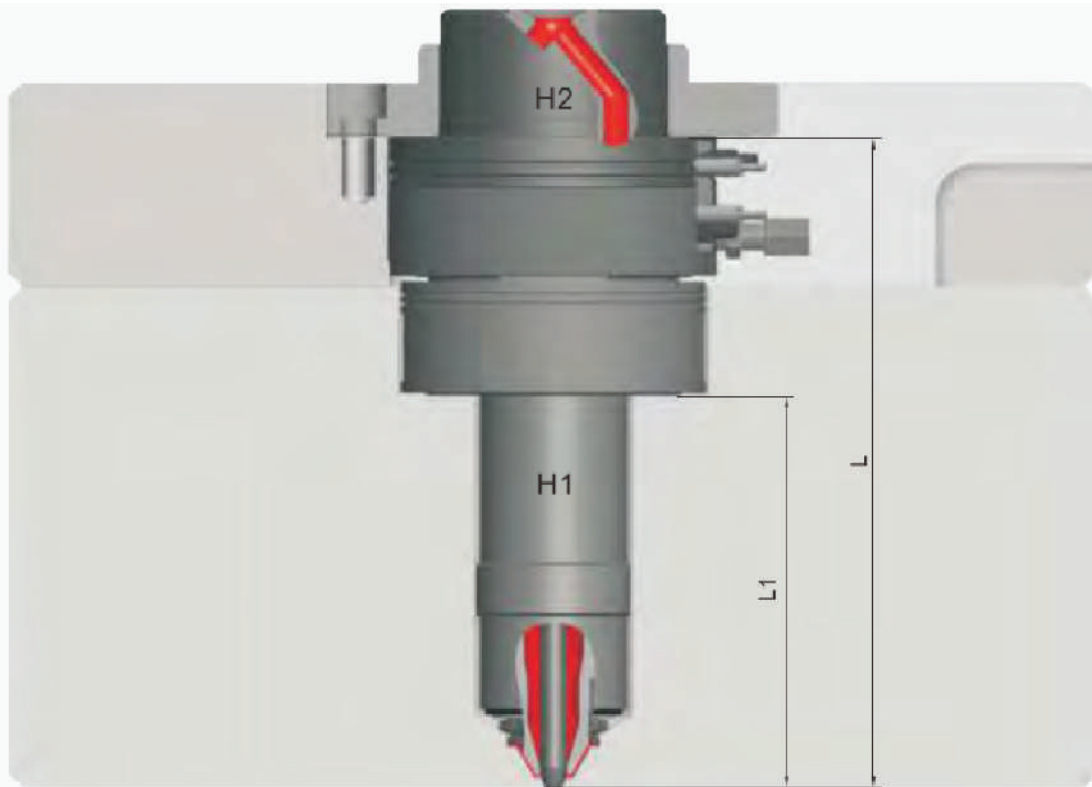
SSV SINGLE VALVE SHOT WEIGHT(g)					
		SSV-18	SSV-25	SSV-35	SSV-45
SHOT WEIGHT	LOW MI	20	60	200	500
	MID MI	50	150	450	1200
	HIGH MI	100	350	800	2100



GATING TYPE



SSV 18 VALVE

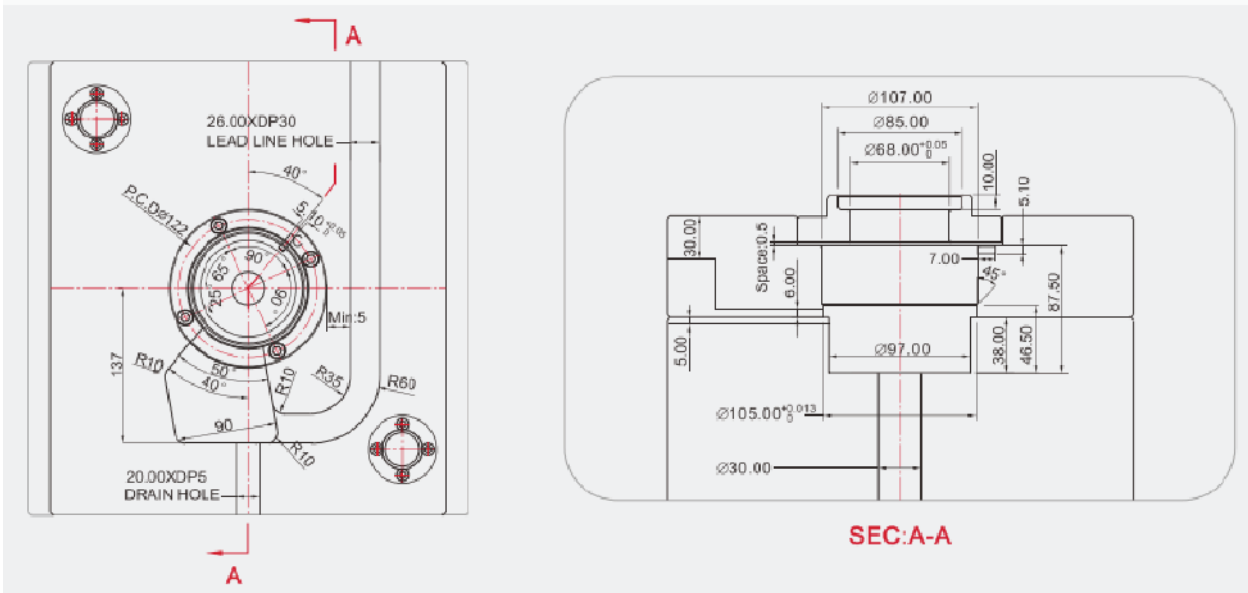


MODEL (L)	L	L1	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
SSV18□□ 125	125	37	THOS 18 066 36 5	NZ TP IC [CA] 16 085 R		
SSV18□□ 135	135	47	THOS 18 076 36 5			
SSV18□□ 145	145	57	THOS 18 086 36 5	NZ TP IC [CA] 16 105 R		
SSV18□□ 155	155	67	THOS 18 096 36 5			
SSV18□□ 165	165	77	THOS 18 106 36 5	NZ TP IC [CA] 16 125 R	THOS 45 035 36 5	NZ TP IC [CA] 16 085 R
SSV18□□ 175	175	87	THOS 18 116 36 5			
SSV18□□ 185	185	97	THOS 18 126 36 5	NZ TP IC [CA] 16 145 R		
SSV18□□ 195	195	107	THOS 18 136 36 5			
SSV18□□ 205	205	117	THOS 18 146 36 5	NZ TP IC [CA] 16 165 R		
SSV18□□ 215	215	127	THOS 18 156 36 5			

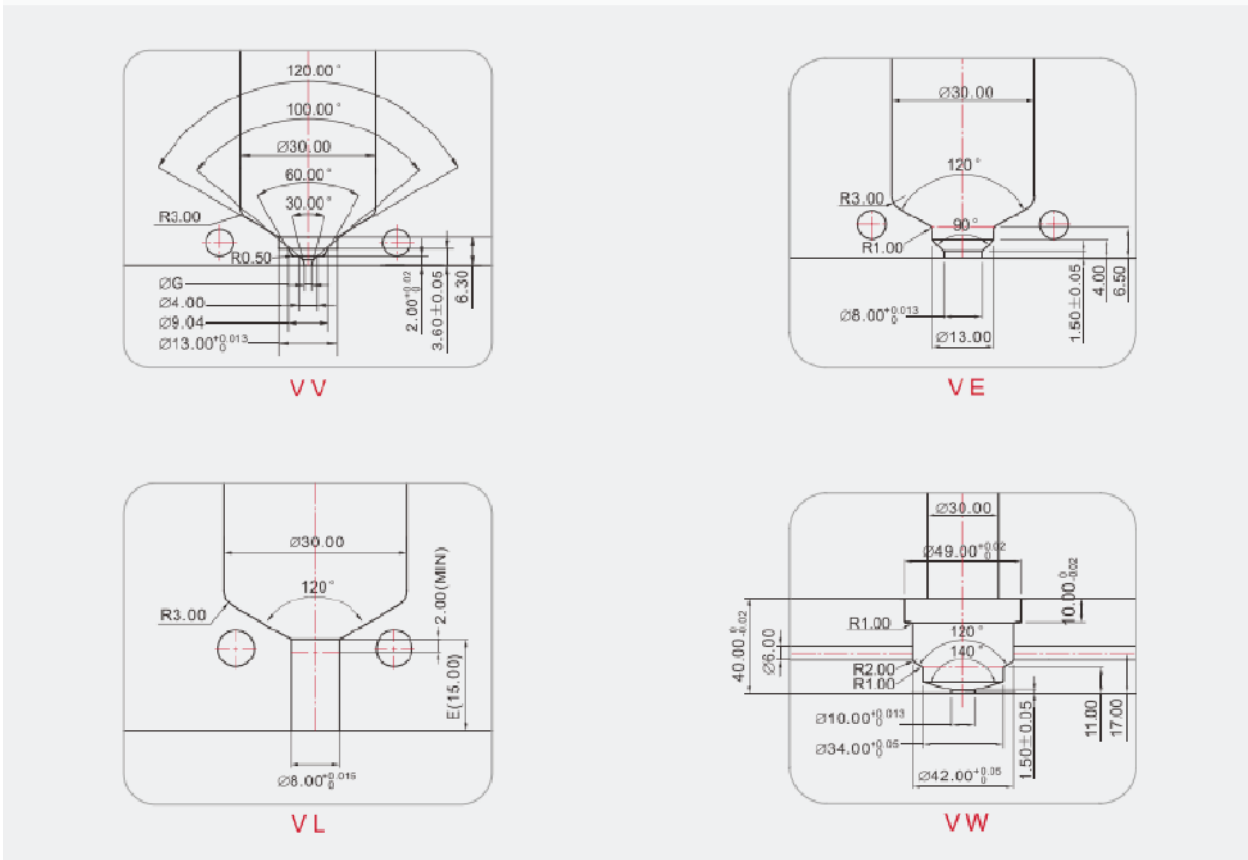
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =125mm 最长 (Max) =215mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

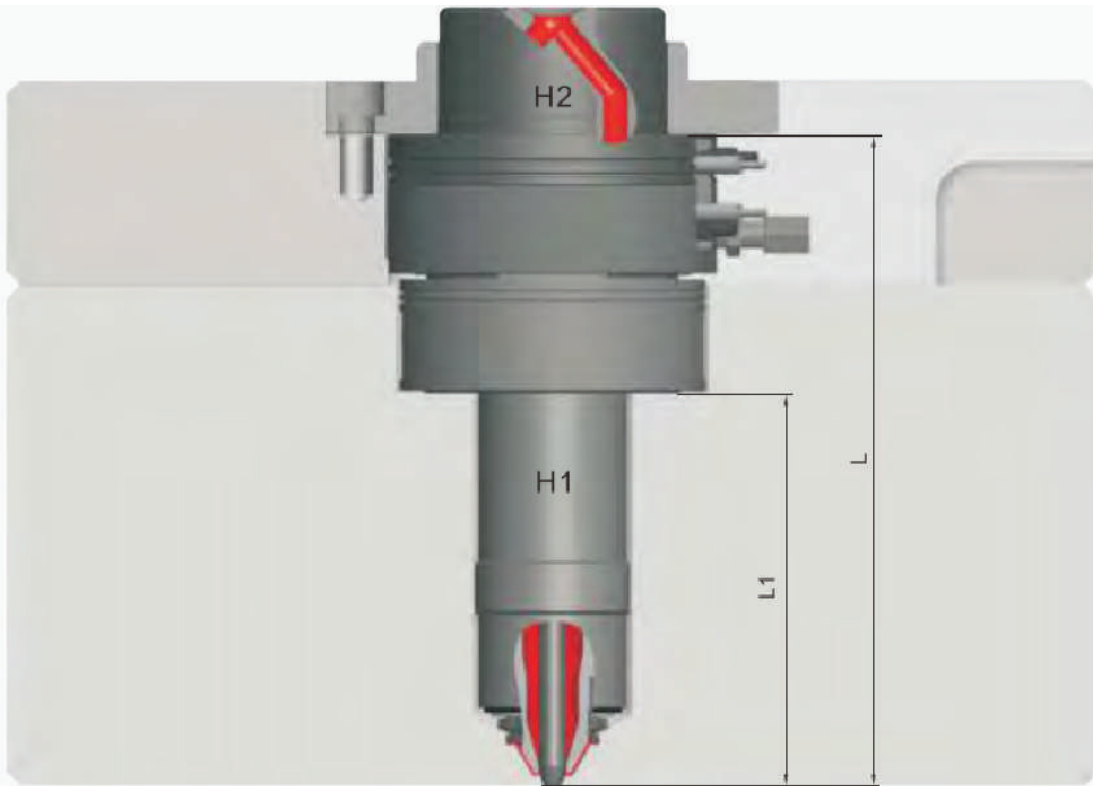
## FLANGE PROCESS AREA



## GATE PROCESS AREA



SSV 25 VALVE



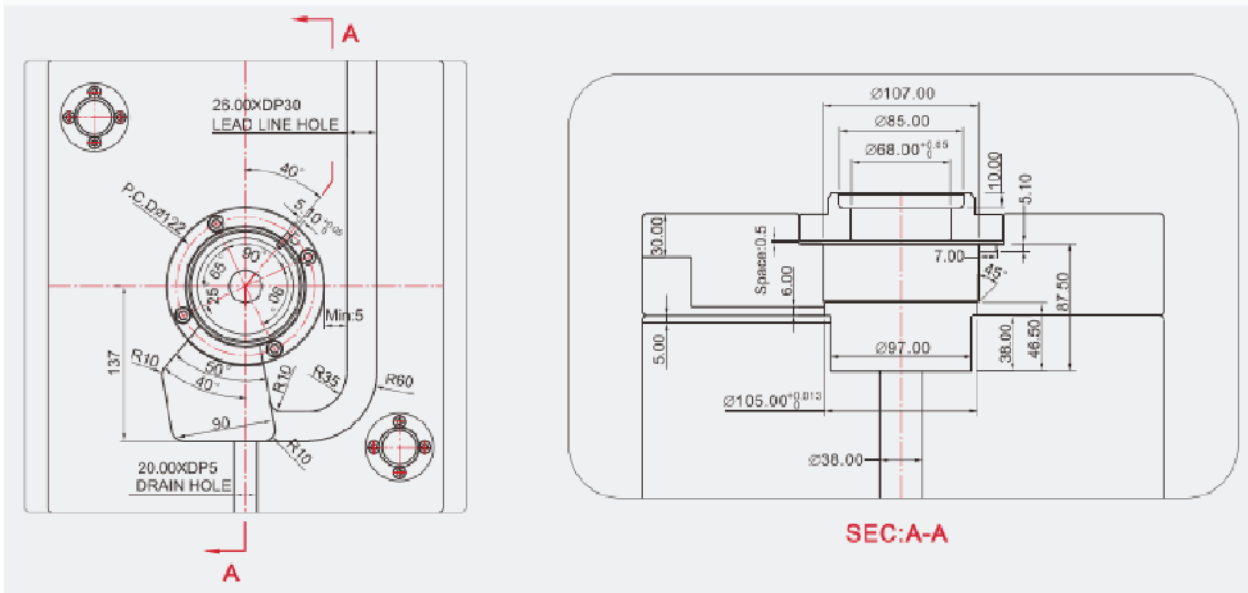
MODEL ( L )	L	L1	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
SSV25□□130	130	42	THOS 25 074 36 5	NZ TP IC [CA] 16 105 2		
SSV25□□140	140	52	THOS 25 084 36 5			
SSV25□□150	150	62	THOS 25 094 36 5	NZ TP IC [CA] 16 125 2		
SSV25□□160	160	72	THOS 25 104 36 5			
SSV25□□170	170	82	THOS 25 114 36 5	NZ TP IC [CA] 16 145 2		
SSV25□□180	180	92	THOS 25 124 36 5		THOS 45 035 36 5	NZ TP IC [CA] 16 085 2
SSV25□□190	190	102	THOS 25 134 36 5	NZ TP IC [CA] 16 165 2		
SSV25□□200	200	112	THOS 25 144 36 5			
SSV25□□210	210	122	THOS 25 154 36 5	NZ TP IC [CA] 16 185 2		
∫	∫	∫	∫	∫		
SSV25□□270	270	182	THOS 25 214 36 5	NZ TP IC [CA] 16 245 2		

“□□”：浇口类型 (GATING TYPE)

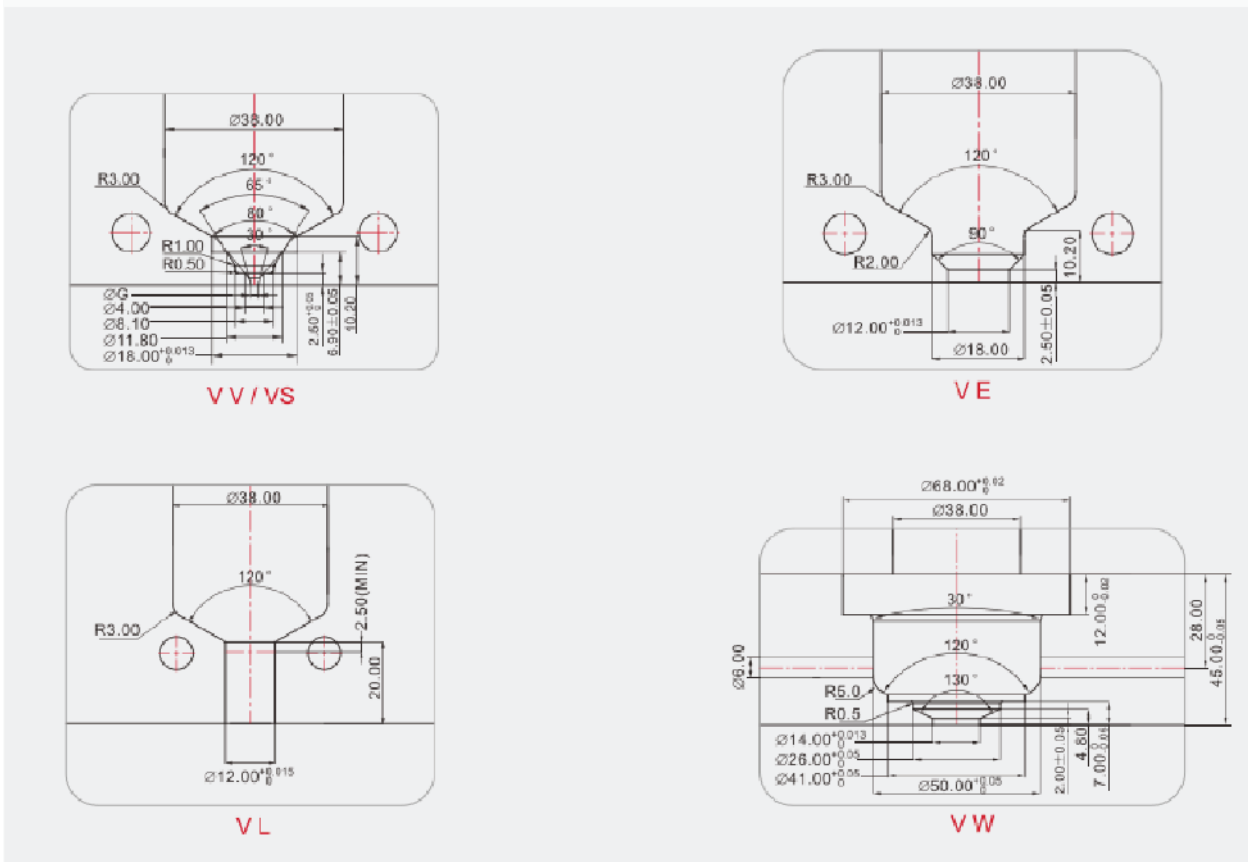
长度“L”：最短 (Min) =130mm 最长 (Max) =270mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

# SSV Single Valve Introduction

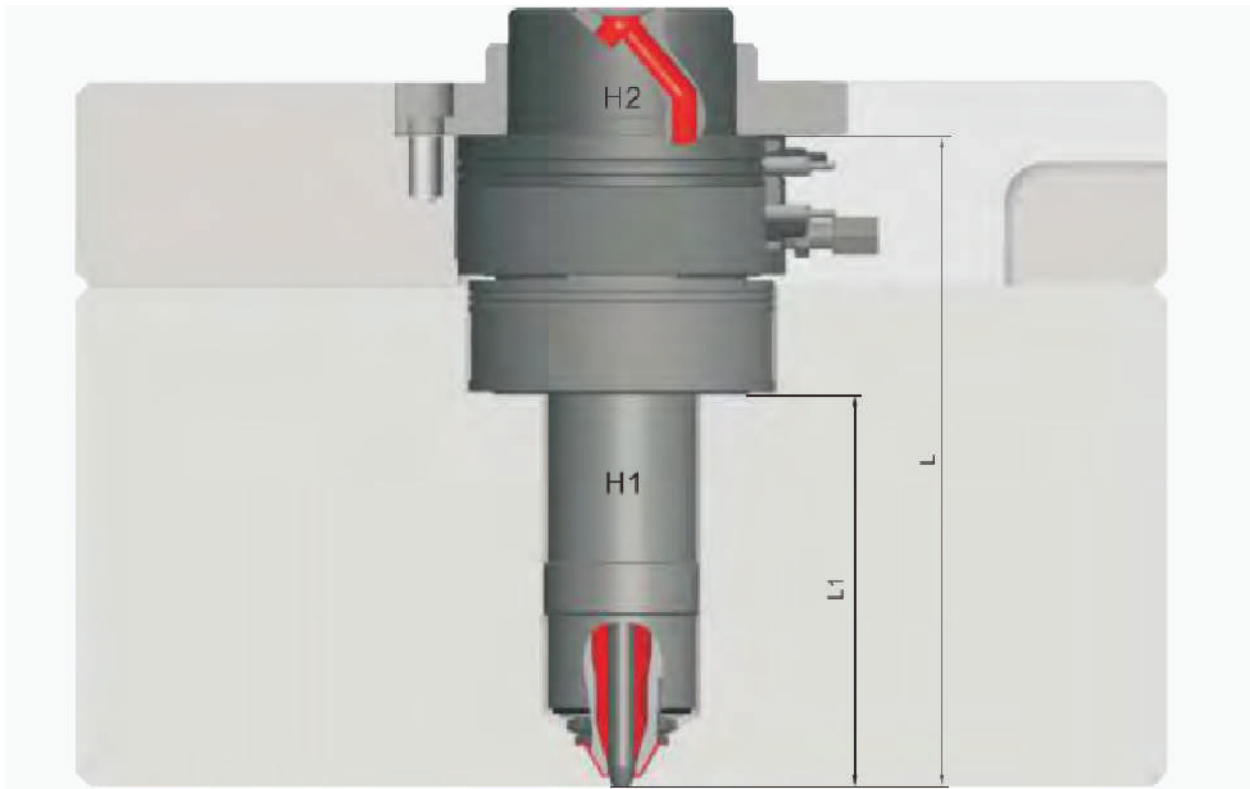
## FLANGE PROCESS AREA



## GATE PROCESS AREA



SSV 35 VALVE



MODEL (L)	L	L1	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
SSV35□□140	140	45	THOS 35 065 36 5	NZ TP IC [CA] 16 085 2		
SSV35□□150	150	55	THOS 35 075 36 5			
SSV35□□160	160	65	THOS 35 085 36 5	NZ TP IC [CA] 16 105 2		
SSV35□□170	170	75	THOS 35 095 36 5			
SSV35□□180	180	85	THOS 35 105 36 5	NZ TP IC [CA] 16 125 2		
SSV35□□190	190	95	THOS 35 115 36 5		THOS 65 045 36 5	NZ TP IC [CA] 16 085 2
SSV35□□200	200	105	THOS 35 125 36 5	NZ TP IC [CA] 16 145 2		
SSV35□□210	210	115	THOS 35 135 36 5			
SSV35□□220	220	125	THOS 35 145 36 5	NZ TP IC [CA] 16 165 2		
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		
SSV35□□300	300	205	THOS 35 225 36 5	NZ TP IC [CA] 16 245 2		

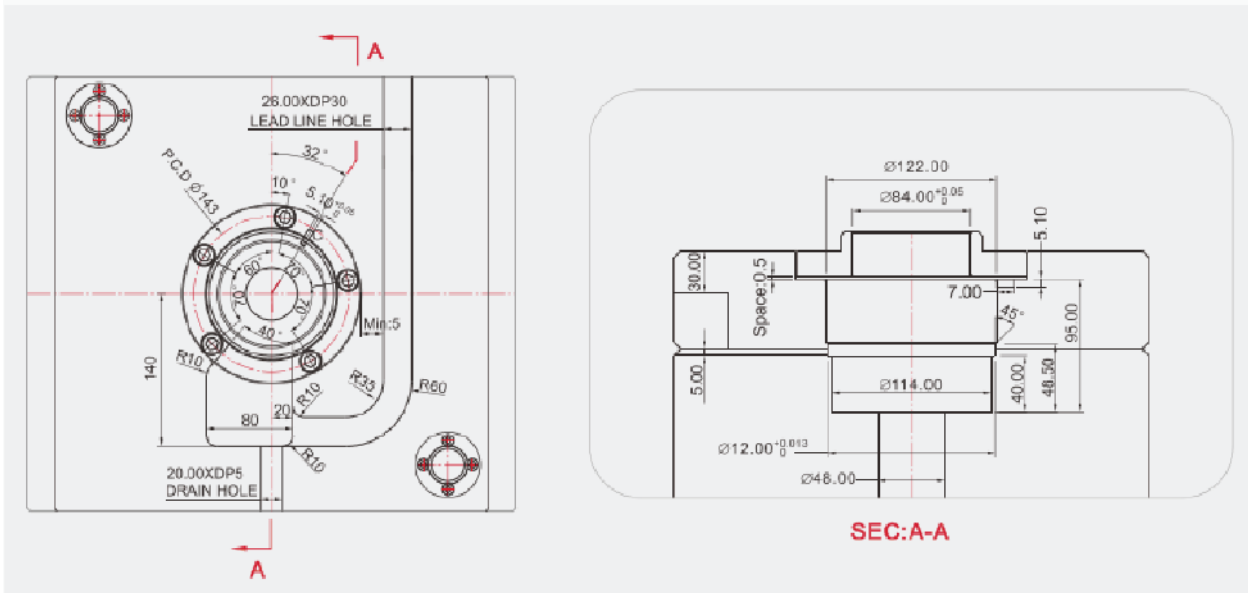
"□□": 浇口类型 (GATING TYPE)

长度"L": 最短 (Min) =140mm 最长 (Max) =300mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

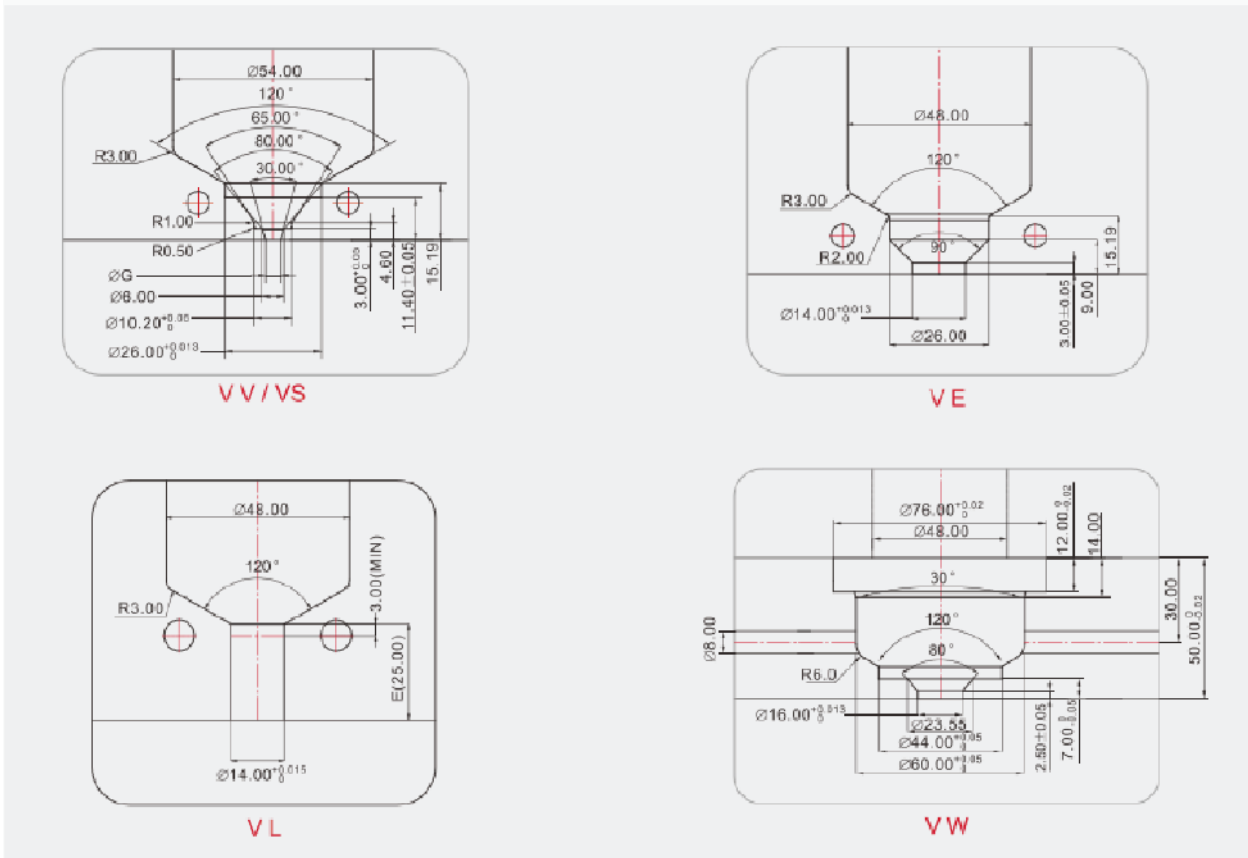


# SSV Single Valve Introduction

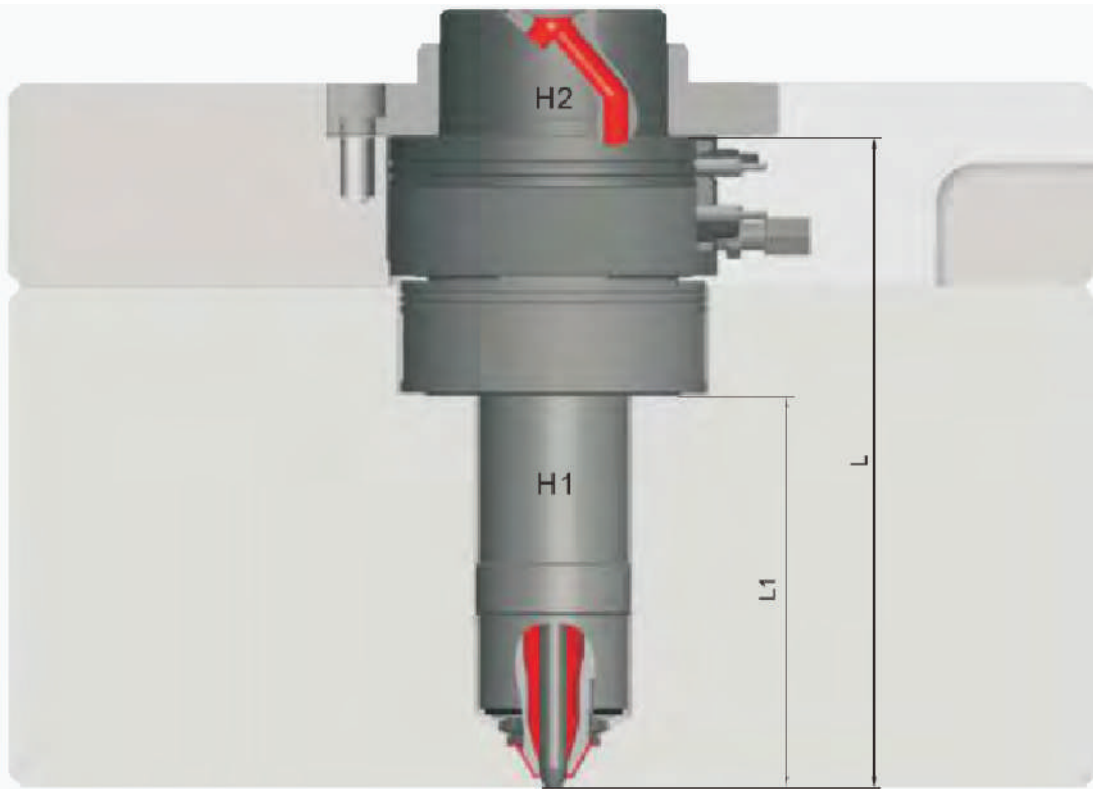
## FLANGE PROCESS AREA



## GATE PROCESS AREA



SSV 45 VALVE



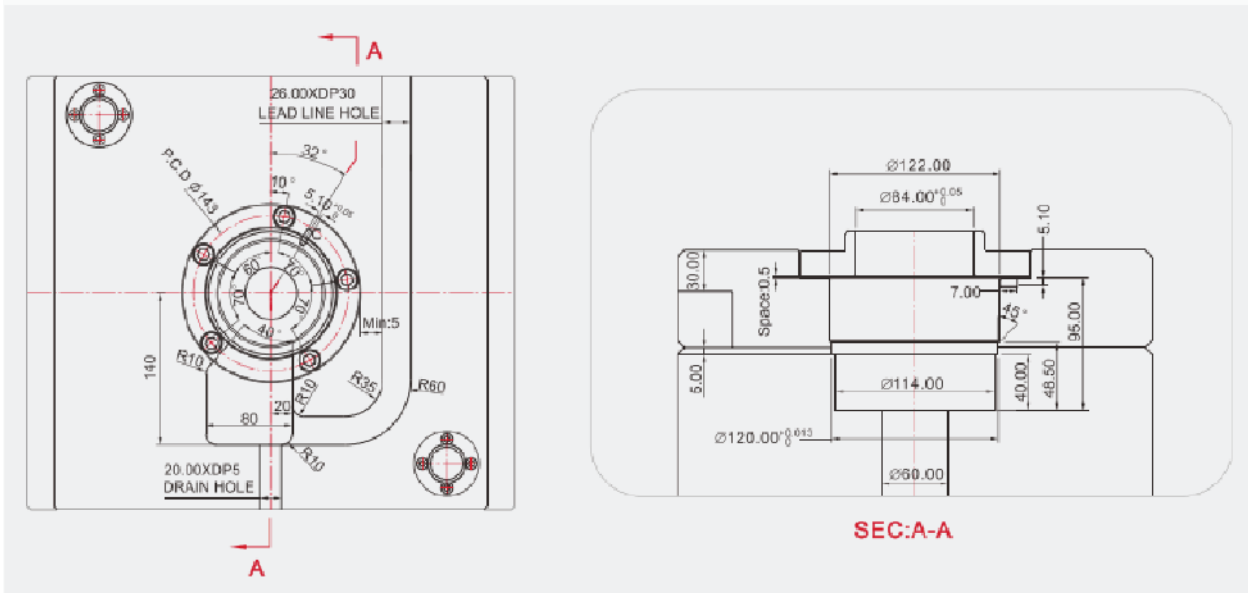
MODEL (L)	L	L1	Heater(H1)	T/C(H1)	Heater(H2)	T/C(H2)
SSV45□□ 150	150	55	THOS 45 078 36 5	NZ TP IC [CA] 16 105 2		
SSV45□□ 160	160	65	THOS 45 088 36 5			
SSV45□□ 170	170	75	THOS 45 098 36 5	NZ TP IC [CA] 16 125 2		
SSV45□□ 180	180	85	THOS 45 108 36 5			
SSV45□□ 190	190	95	THOS 45 118 36 5	NZ TP IC [CA] 16 145 2		
SSV45□□ 200	200	105	THOS 45 128 36 5		THOS 65 045 36 5	NZ TP IC [CA] 16 085 2
SSV45□□ 210	210	115	THOS 45 138 36 5	NZ TP IC [CA] 16 165 2		
SSV45□□ 220	220	125	THOS 45 148 36 5			
SSV45□□ 230	230	135	THOS 45 158 36 5	NZ TP IC [CA] 16 185 2		
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>		
SSV45□□ 310	310	215	THOS 45 238 36 5	NZ TP IC [CA] 16 265 2		

“□□”：浇口类型 (GATING TYPE)

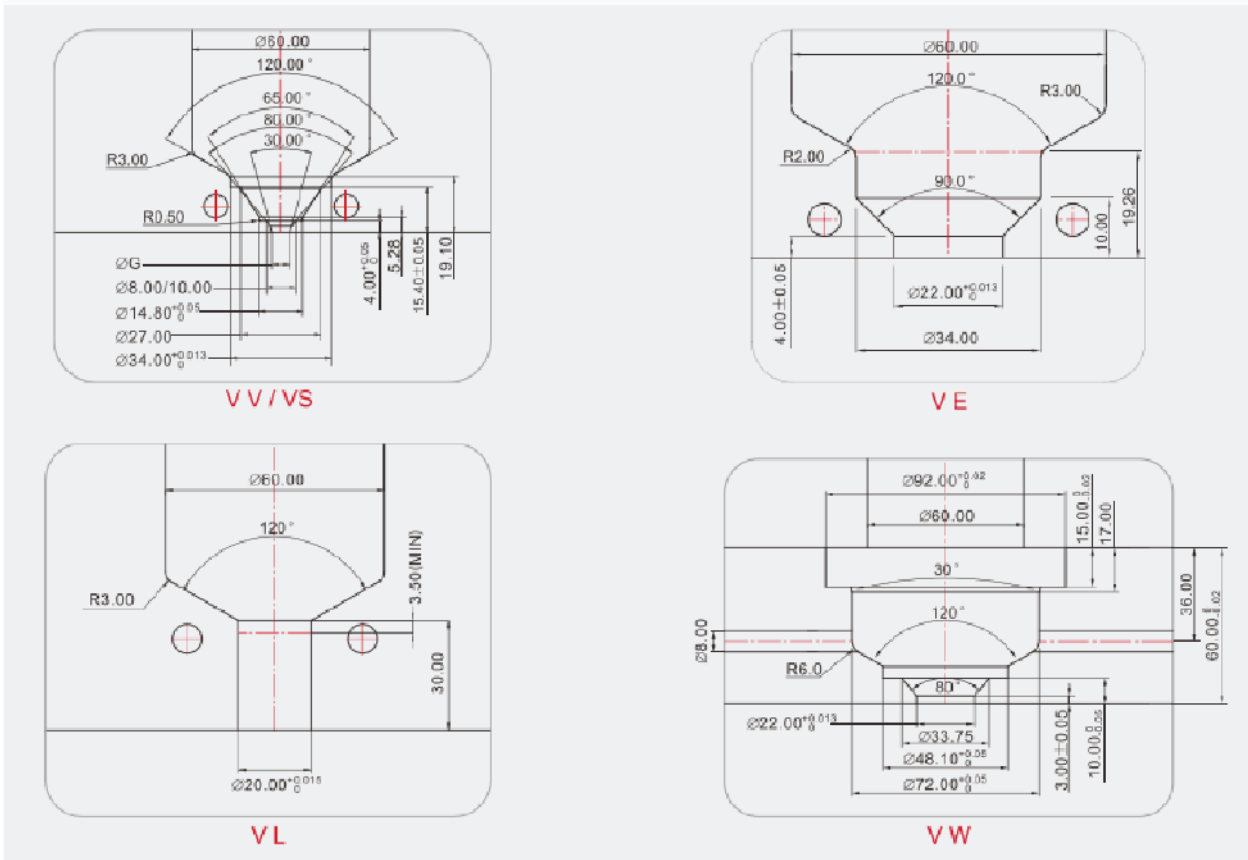
长度“L”：最短 (Min) =150mm 最长 (Max) =310mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

# SSV Single Valve Introduction

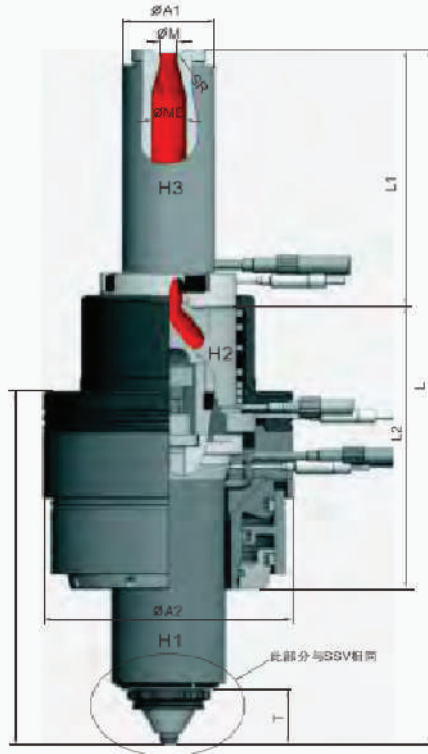
## FLANGE PROCESS AREA



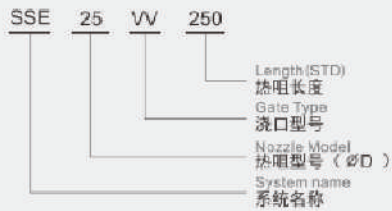
## GATE PROCESS AREA



# SSE Single Vavle Introduction



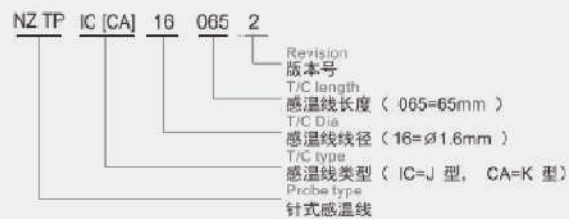
## How to read Nozzle Model



## How to read Heater Code



## How to read Thermocouple Code



## SSE Single Vavle Introduction

Division	SSE18	SSE25	SSE35	SSE45
Model Number	SSE-18-□□-□□□□	SSE-25-□□-□□□□	SSE-35-□□-□□□□	SSE-45-□□-□□□□
Injection Volume	UP to 100gr	UP to 240gr	UP to 800gr	Over 1200gr
SR	21	21	21	21
∅A1	34.2	34.2	44.2	44.2
∅A2	105	105	120	120
L	Can be adjusted by request			
L1				
L2	116	116	135	135
T	11	16	21	26
∅M	6	6	8	8
∅M1	5.5	5.5	9	9
∅ME	10	10	16	16
ΔH	80	80	107.5	107.5
ΔH1	57.3	57.3	64.8	64.8
ΔH2	72	72	85.5	85.5
Tube Heater(H1)	TH OS 18□□□□36 4	TH OS 25□□□□36 4	TH OS 35□□□□36 4	TH OS 45□□□□36 4
Thermocouple	NZ TP□□ 16□□ 5 2	NZ TP□□ 16□□ 5 2	NZ TP□□ 16□□ 5 2	NZ TP□□ 16□□ 5 2
Tube Heater(H2)	TH OS 45 035 36 4	TH OS 45 035 36 4	TH OS 65 045 36 4	TH OS 65 045 36 4
Thermocouple	NZ TP IC [CA] 16 085 2	NZ TP IC [CA] 16 085 2	NZ TP IC [CA] 16 085 2	NZ TP IC [CA] 16 085 2
Tube Heater(H3)	TH OS 25□□□□36 4		TH OS 35□□□□36 4	
Thermocouple	NZ TP□□ 16□□ 5 2		NZ TP□□ 16□□ 5 2	

Actual Length of Nozzle when delivered

$$\Delta L = (L - T - \Delta H) \times 1.2 \times 10^{-5} \times (\text{Injection Temp} - \text{Mold Temp})$$

$$\text{Actual Length of Nozzle}(N1) = (L - T - \Delta H2) - \Delta L$$

例：SSE 25 VV 300（射出温度：250°C/模具温度：50°C）

$$\Delta L \text{热膨胀数} = (300 - 16 - 80) \times 1.2 \times 10^{-5} \times (250 - 50) = 0.49$$

$$\text{本体实际长度}(N1) : (300 - 16 - 72) - 0.49 = 211.51$$

如何计算阀针长度

$$\text{阀针长度} = L - \Delta H1 + 0.5 + 1$$

例：SSE 45 VV 300

$$\text{阀针长度} = 300 - 64.8 + 0.5 + 1 = 236.7$$

## SSE Single Vavle Introduction

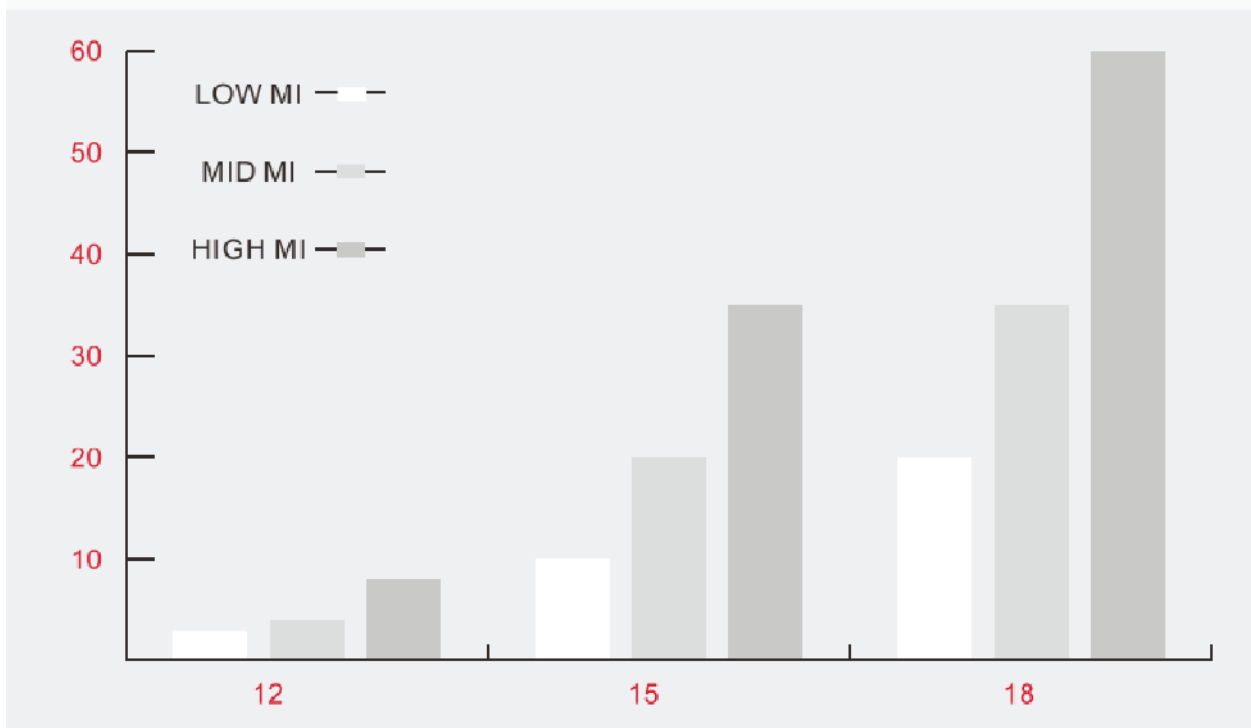


## Open System Introduction

Division		S-RHEO12	S-RHEO15	S-RHEO18
Model Number		RO-12-□□-□□□	RO-15-□□-□□□	RO-18-□□-□□□
Injection Volume		UP to 8	UP to 35	UP to 60
CT			Customer's	Specification
HT				
∅M1		6	6	8
∅M2		4	5	6
∅M3		4	5	6
S1		10	10	10
S2		15	15	15
∅F		27	30	34
FL		23	26	26
T2		8	9	11
T1		5.6	5.8	6.5
L	CC TE TL TC	60~140	60~140	60~160
∅G	CC TE TL TC	0.6/0.8	0.8/1.0	0.8/1.0/1.2
∅H		22	25	28
∅D1		8	9	10
∅D		12	15	18.15
CU HEATER		THCG12□□8180	THCG15□□6180	THCG18□□2180
Thermocouple		NZ TP□□10□□5R	NZ TP□□10□□5R	NZ TP□□10□□5R

NOZZLE SHOT DIAGRAM

S-RHEO OPEN SHOT WEIGHT(g)				
		S-RHEO12	S-RHEO15	S-RHEO18
SHOT WEIGHT	LOW MI —	3	10	20
	MID MI —	4	20	35
	HIGH MI —	8	35	60



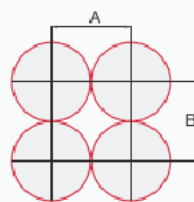


GATING TYPE



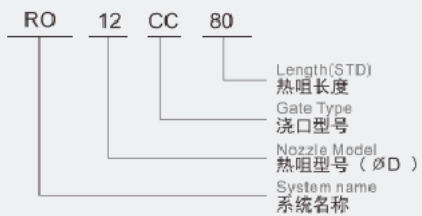
## Open System Introduction

Types	Gate minimum space(A) unit:mm	
	Open Square (AB)	Open Rectangle
S-Rheo12	27/27	TBC
S-Rheo15	30/30	TBC
S-Rheo18	34/34	TBC

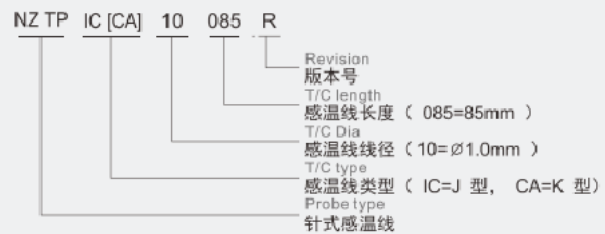


Square Space Between

### How to read Nozzle Model



### How to read Thermocouple Code

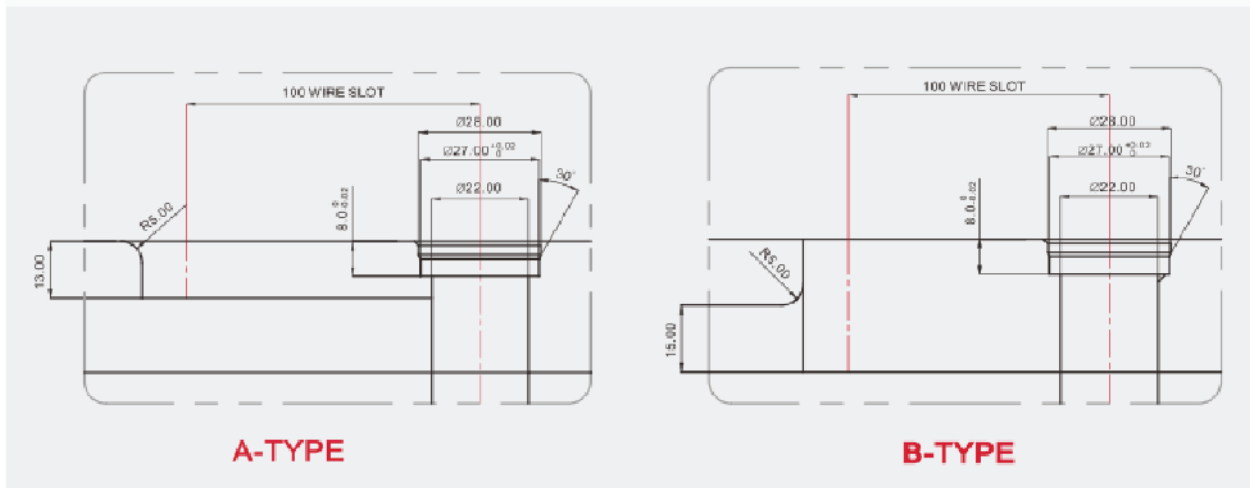


S-RHEO12 OPEN SYSTEM

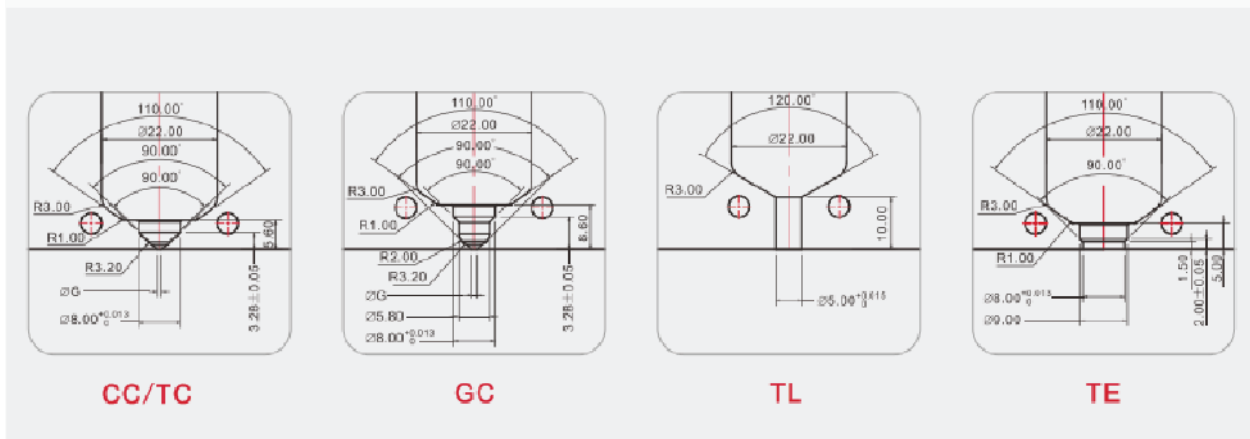
MODEL	L	HEATER	T/C
RO12OPNZ0600	60	THCG12038180	NZTPIC[CA]10065R
RO12OPNZ0700	70	THCG12048180	
RO12OPNZ0800	80	THCG12058180	NZTPIC[CA]10085R
RO12OPNZ0900	90	THCG12068180	
RO12OPNZ1000	100	THCG12078180	NZTPIC[CA]10105R
RO12OPNZ1100	110	THCG12088180	
RO12OPNZ1200	120	THCG12098180	NZTPIC[CA]10125R
RO12OPNZ1300	130	THCG12108180	
RO12OPNZ1400	140	THCG12118180	NZTPIC[CA]10145R

长度“L”：最短 (Min) =60mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

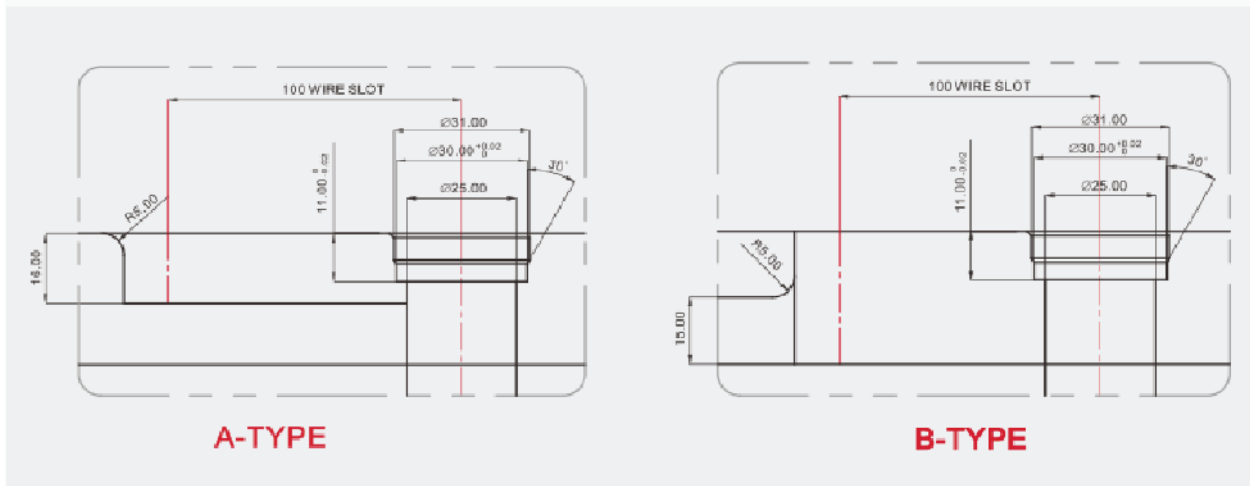


S-RHEO15 OPEN SYSTEM

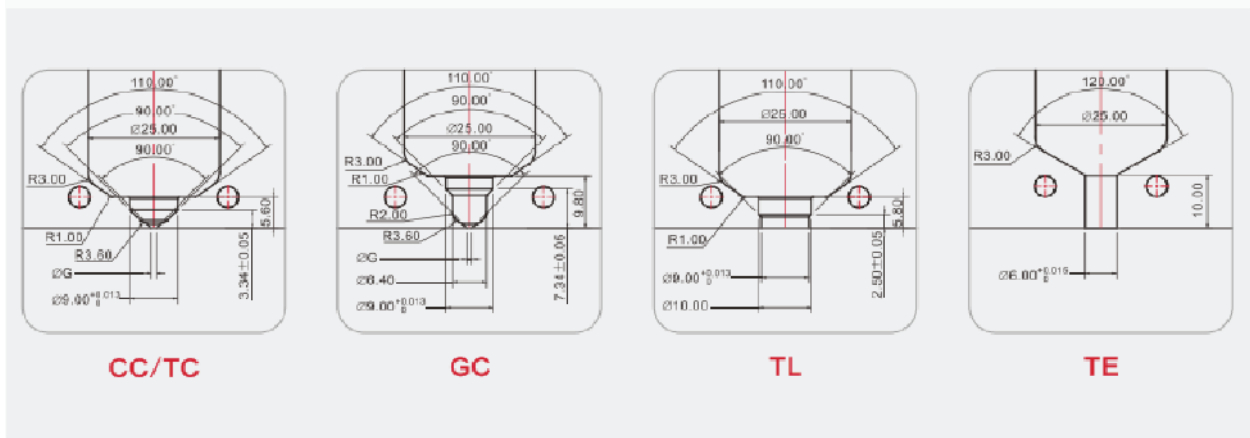
MODEL	L	HEATER	T/C
RO15OPNZ0600	60	THCG15036180	NZTPIC[CA]10065R
RO15OPNZ0700	70	THCG15046180	
RO15OPNZ0800	80	THCG15056180	NZTPIC[CA]10085R
RO15OPNZ0900	90	THCG15066180	
RO15OPNZ1000	100	THCG15076180	NZTPIC[CA]10105R
RO15OPNZ1100	110	THCG15086180	
RO15OPNZ1200	120	THCG15096180	NZTPIC[CA]10125R
RO15OPNZ1300	130	THCG15106180	
RO15OPNZ1400	140	THCG15116180	NZTPIC[CA]10145R

长度“L”：最短 (Min) =60mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA

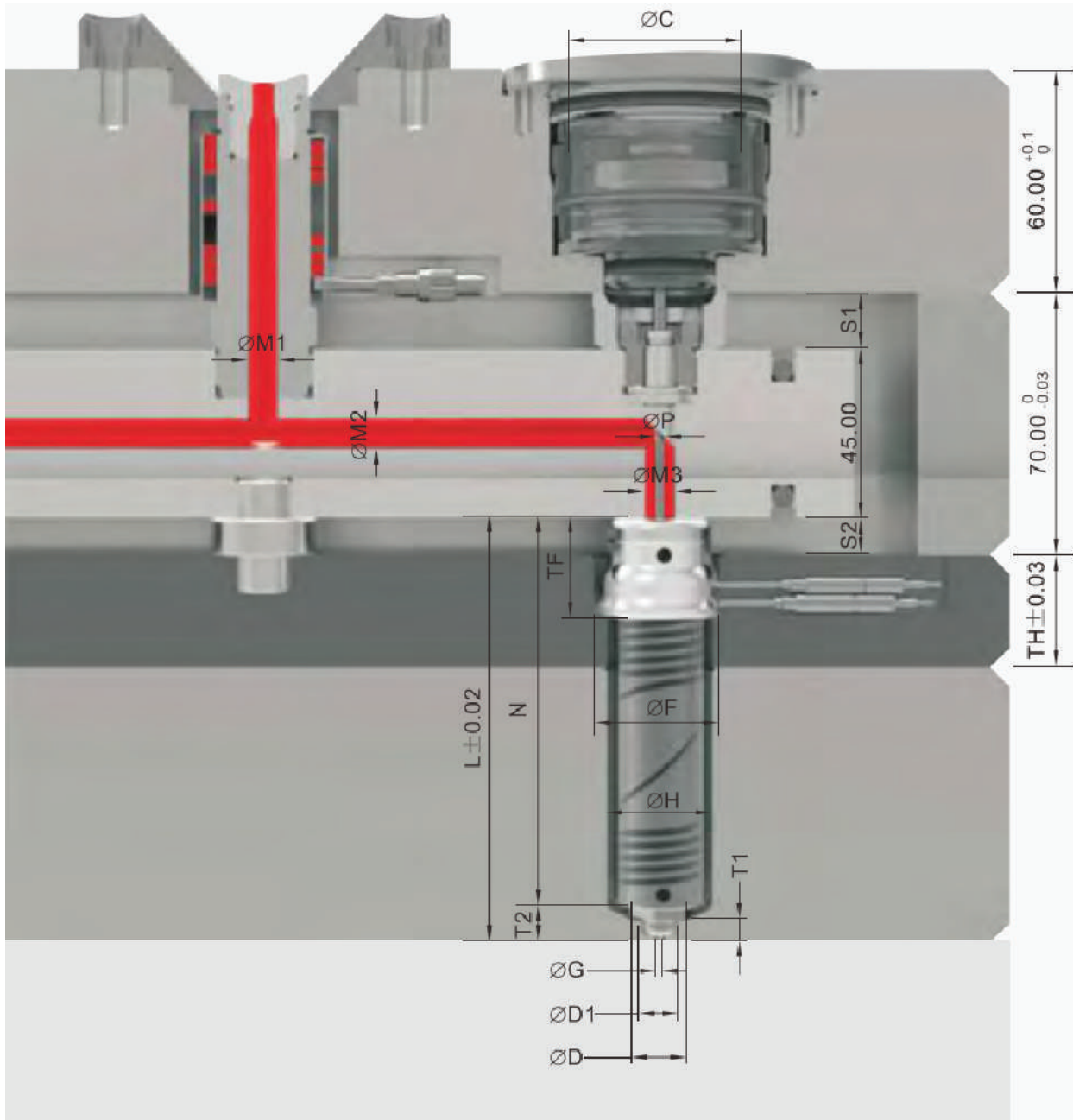


GATE PROCESS AREA





# Valve System Introduction

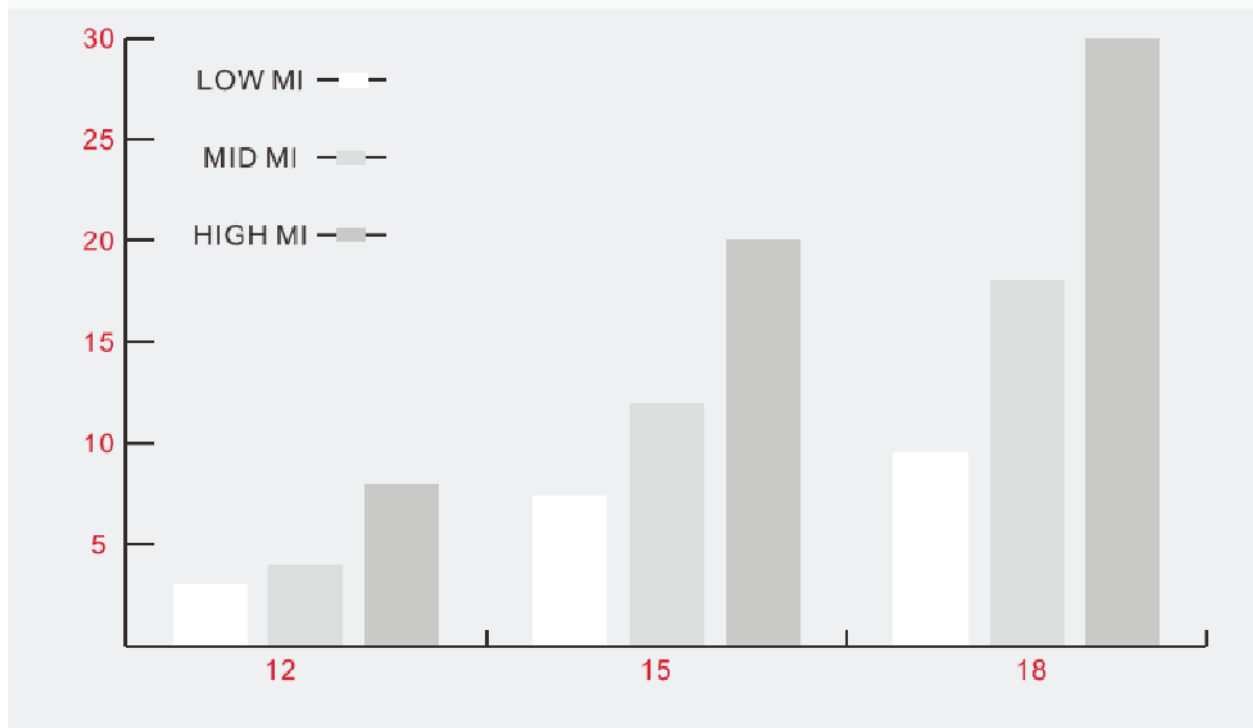


## Vavle System Introduction

Division		S-RHEO12	S-RHEO15	S-RHEO18
Model Number		RO-12-□□-□□□	RO-15-□□-□□□	RO-18-□□-□□□
Injection Volume		UP to 8	UP to 20	UP to 35
∅C		40	40	40
∅P		∅3-∅2	∅3-∅2.5	∅4-∅3
CT		60~	60~	60~
HT		Customer's Specification		
∅M1		6	8	8
∅M2		5	6	7
∅M3		5	6	7
S1		10	10	10
S2		15	15	15
∅F		27	30	34
FL		23	26	26
T2		8	9	11
T1		5.6	5.8	6.5
L	VV VE VL	60~140	60~140	60~160
∅G	VV VE VL	0.8/1.0	1.0/1.2	1.2/1.5
∅H		22	25	28
∅D1		8	9	10
∅D		12	15	18.15
CU HEATER		THCG12□□8180	THCG15□□6180	THCG18□□2180
Thermocouple		NZ TP□□10□□5R	NZ TP□□10□□5R	NZ TP□□10□□5R

NOZZLE SHOT DIAGRAM

S-RHEO VAVLE SHOT WEIGHT(g)				
		S-RHEO12	S-RHEO15	S-RHEO18
SHOT WEIGHT	LOW MI	3	7.5	9.5
	MID MI	4	12	18
	HIGH MI	8	20	30

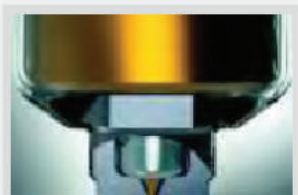




GATING TYPE



VV TYPE



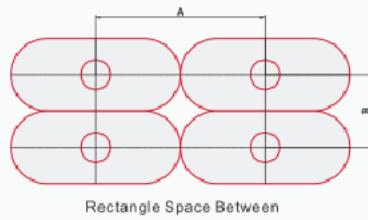
VE TYPE



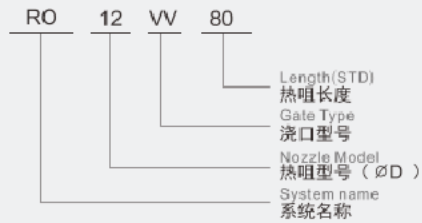
VL TYPE

## Valve System Introduction

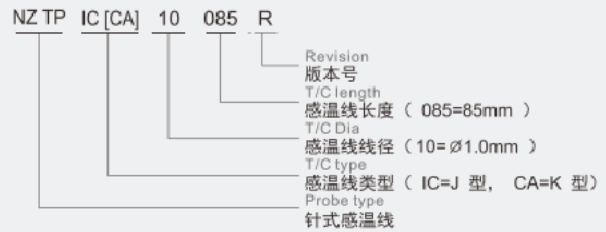
Gate minimum space(A) unit:mm			
Cylinder	Between N/L&Nozzle	Between Nozzles	
		A	B
VCP40	56	74	74
Elsvcp50	50	92	40



### How to read Nozzle Model



### How to read Thermocouple Code

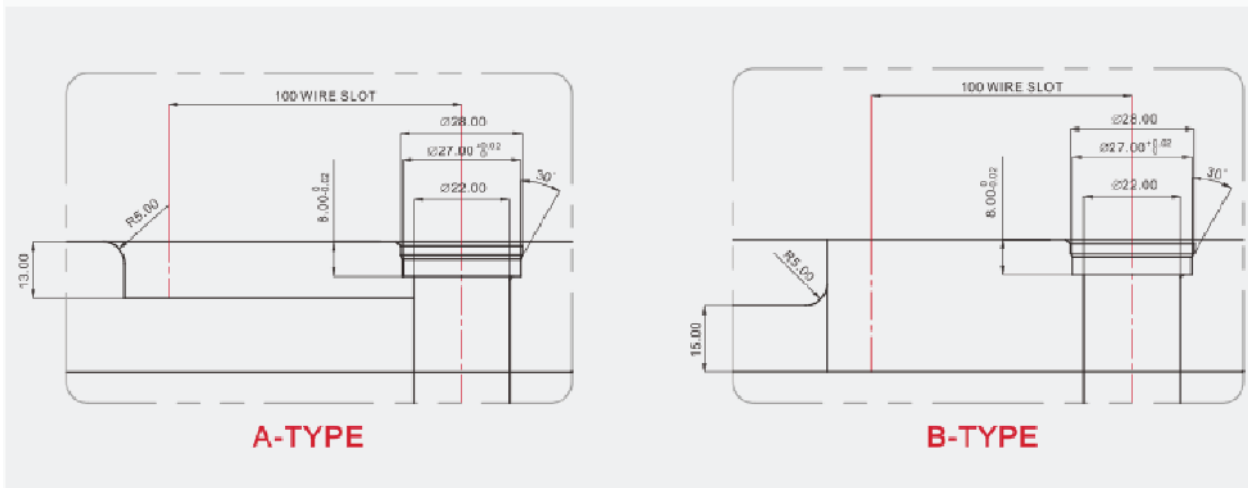


S-RHEO12 VALVE SYSTEM

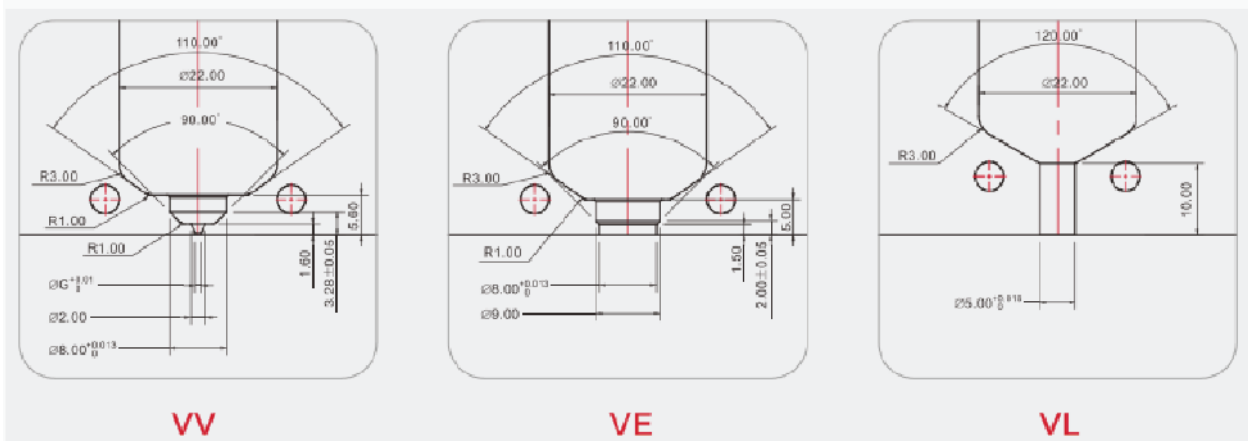
MODEL	L	HEATER	T/C
RO12VVNZ0600	60	THCG12038180	NZTPIC[CA]10065R
RO12VVNZ0700	70	THCG12048180	
RO12VVNZ0800	80	THCG12058180	NZTPIC[CA]10085R
RO12VVNZ0900	90	THCG12068180	
RO12VVNZ1000	100	THCG12078180	NZTPIC[CA]10105R
RO12VVNZ1100	110	THCG12088180	
RO12VVNZ1200	120	THCG12098180	NZTPIC[CA]10125R
RO12VVNZ1300	130	THCG12108180	
RO12VVNZ1400	140	THCG12118180	NZTPIC[CA]10145R

长度“L”：最短 (Min) =60mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

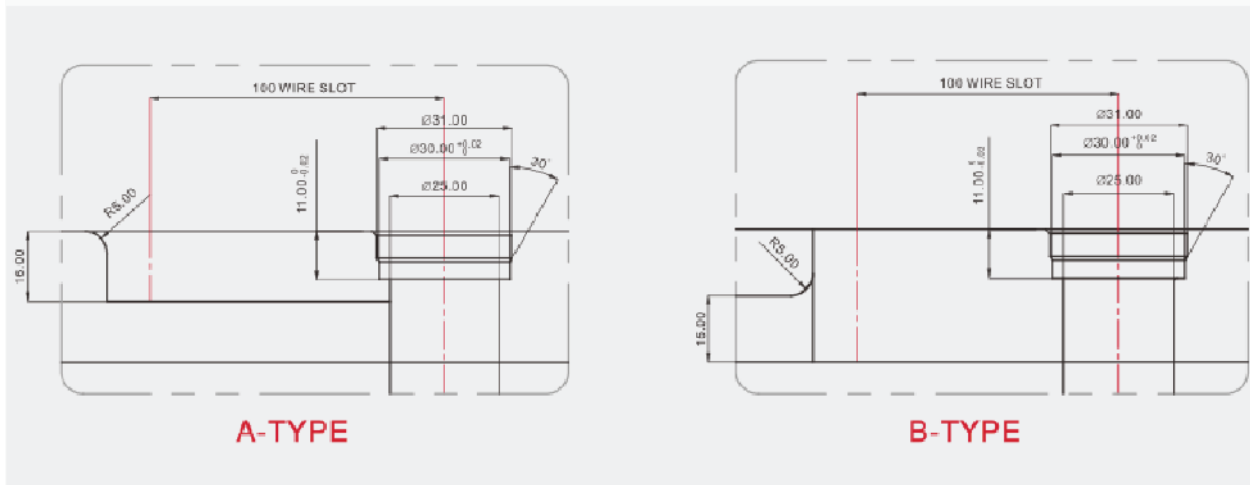


S-RHEO15 VALVE SYSTEM

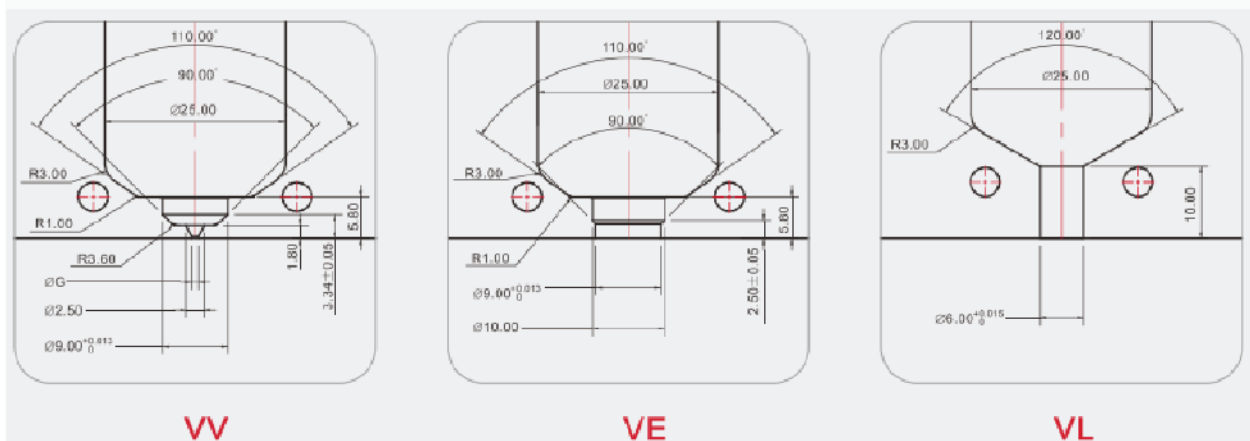
MODEL	L	HEATER	T/C
RO15VVNZ0600	60	THCG15036180	NZTPIC[CA]10065R
RO15VVNZ0700	70	THCG15046180	
RO15VVNZ0800	80	THCG15056180	NZTPIC[CA]10085R
RO15VVNZ0900	90	THCG15066180	
RO15VVNZ1000	100	THCG15076180	NZTPIC[CA]10105R
RO15VVNZ1100	110	THCG15086180	
RO15VVNZ1200	120	THCG15096180	NZTPIC[CA]10125R
RO15VVNZ1300	130	THCG15106180	
RO15VVNZ1400	140	THCG15116180	NZTPIC[CA]10145R

长度“L”：最短 (Min) =60mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

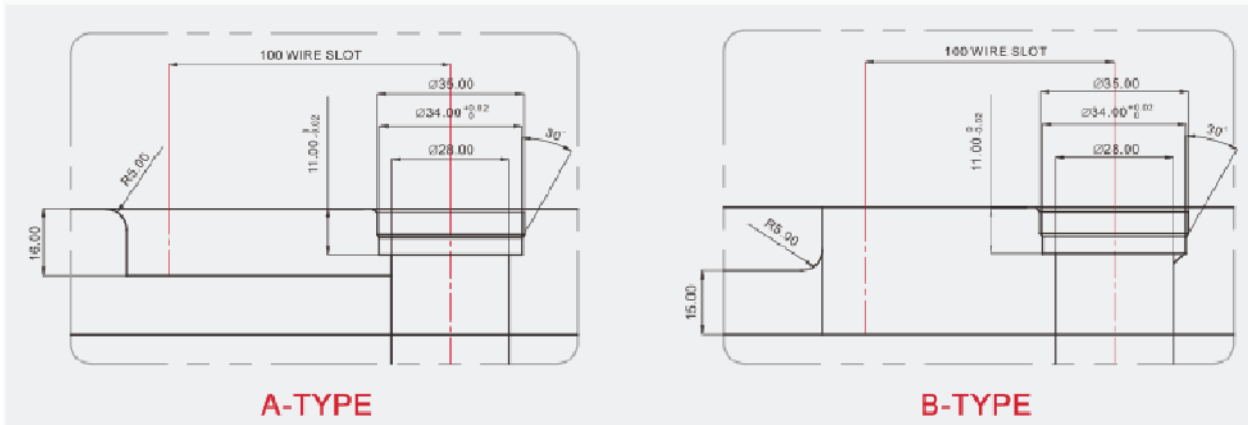


S-RHEO18 VALVE SYSTEM

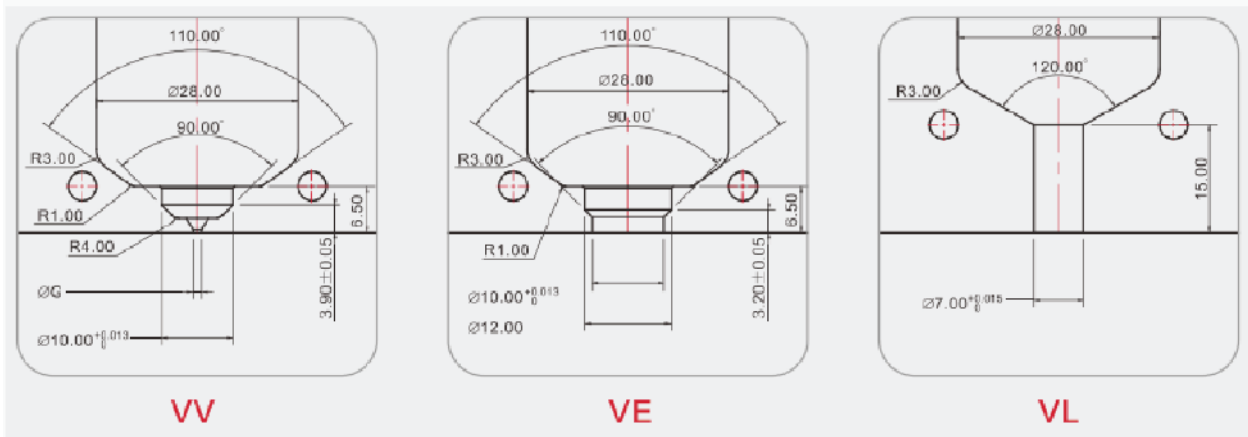
MODEL	L	HEATER	T/C
RO18VVNZ0600	60	THCG18032180	NZTPIC[CA]10065R
RO18VVNZ0700	70	THCG18042180	
RO18VVNZ0800	80	THCG18052180	NZTPIC[CA]10085R
RO18VVNZ0900	90	THCG18062180	
RO18VVNZ1000	100	THCG18072180	NZTPIC[CA]10105R
RO18VVNZ1100	110	THCG18082180	
RO18VVNZ1200	120	THCG18092180	NZTPIC[CA]10125R
RO18VVNZ1300	130	THCG18102180	
RO18VVNZ1400	140	THCG18112180	NZTPIC[CA]10145R
RO18VVNZ1500	150	THCG18122180	
RO18VVNZ1600	160	THCG18132180	NZTPIC[CA]10165R

长度"L": 最短 (Min) =60mm 最长 (Max) =160mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

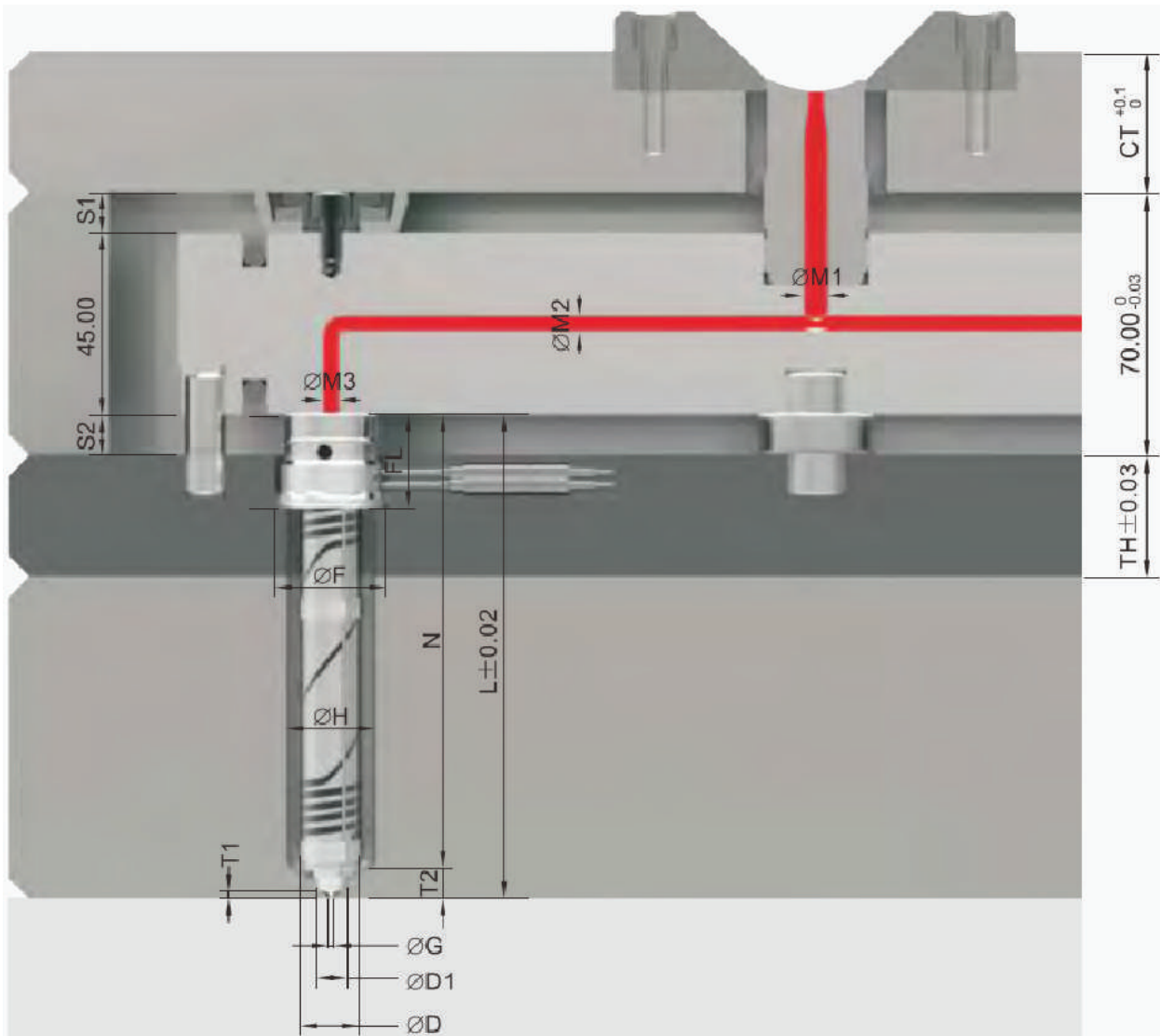


TECHNICAL DATA  
S-DURA SYSTEM  
S-DURA PLUS SYSTEM

S-DURA  
S-DURA PLUS  
SYSTEM

Open System Introduction

S-DURA SYSTEM

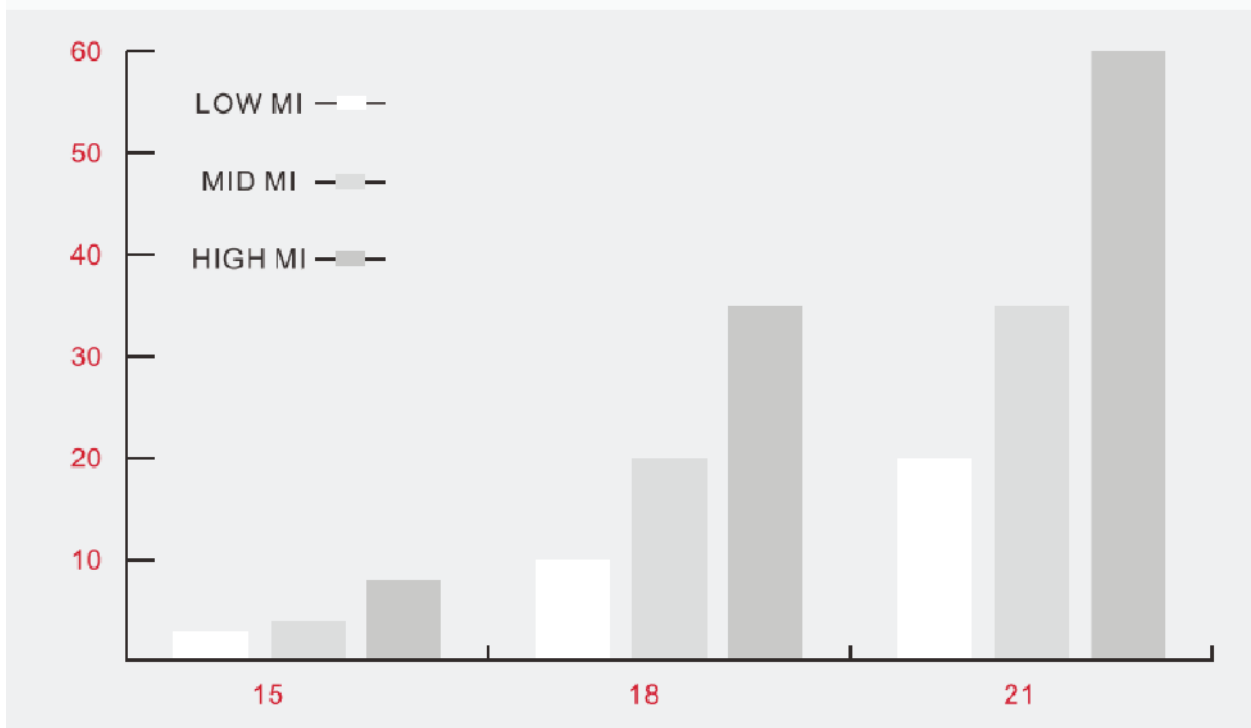


## Open System Introduction

Division		S-DURA15	S-DURA18	S-DURA21
Model Number		DA-15-□□-□□□	DA-18-□□-□□□	DA-21-□□-□□□
Injection Volume		UP to 8	UP to 35	UP to 60
CT		Customer's Specification		
HT				
∅M1		6	6	8
∅M2		4	5	6
∅M3		4	5	6
S1		10	10	10
S2		15	15	15
∅F		27	30	34
FL		23	26	26
T2		8.5	9.5	11.3
T1		5.6	5.8	6.5
L	CC TE TL TC	100~140	100~140	100~160
∅G	CC TE TL TC	0.8/1.0	1.0/1.2	1.0/1.2/1.5
∅H		22	25	28
∅D1		8	9	10
∅D		15	18	21
∅1.8 Heater		THFR018□□□□0	THFR018□□□□0	THFR018□□□□0
Thermocouple		NZ TP□□10□□5R	NZ TP□□10□□5R	NZ TP□□10□□5R

NOZZLE SHOT DIAGRAM

S-DURA OPEN SHOT WEIGHT(g)				
		S-DURA15	S-DURA18	S-DURA21
SHOT WEIGHT	LOW MI —	3	10	20
	MID MI —	4	20	35
	HIGH MI —	8	35	60





GATING TYPE



CC/TC TYPE



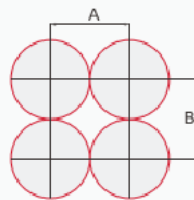
TE TYPE



TL TYPE

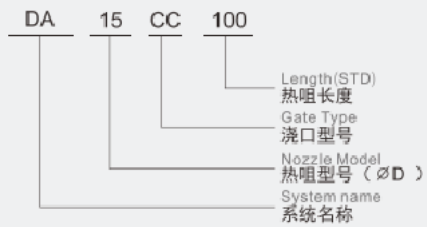
## Open System Introduction

Types	Gate minimum space(A) unit:mm	
	Open Square (AB)	Open Rectangle
S-Dura15	27/27	TBC
S-Dura18	30/30	TBC
S-Dura21	34/34	TBC

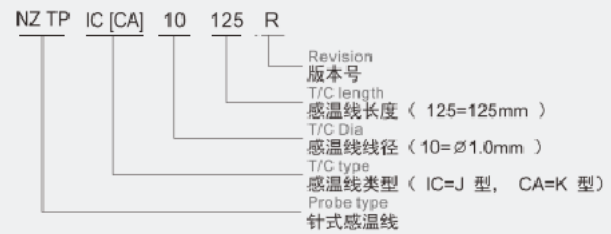


Square Space Between

### ■ How to read Nozzle Model



### ■ How to read Thermocouple Code

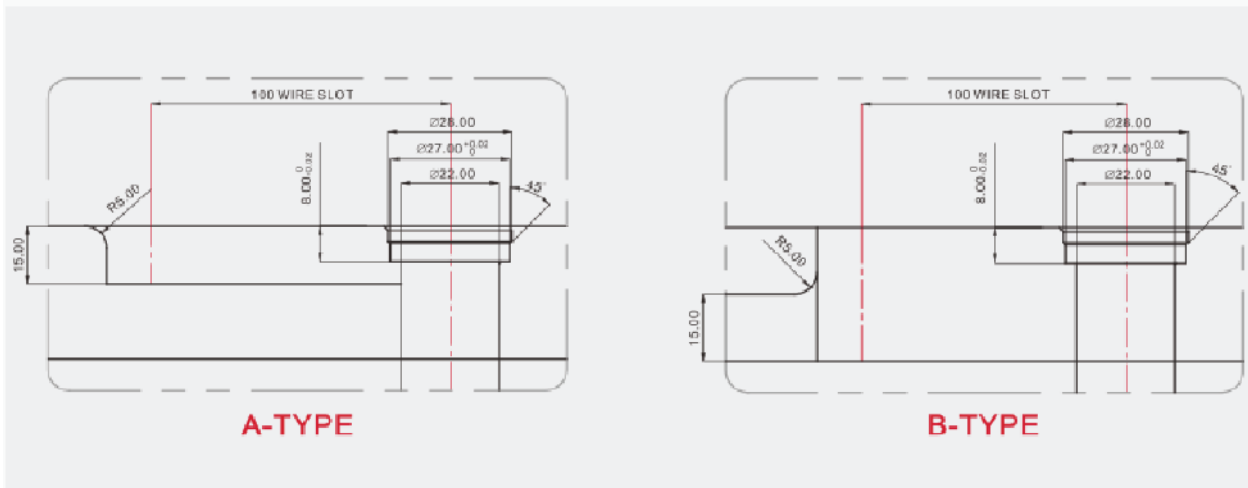


S-DURA15 OPEN SYSTEM

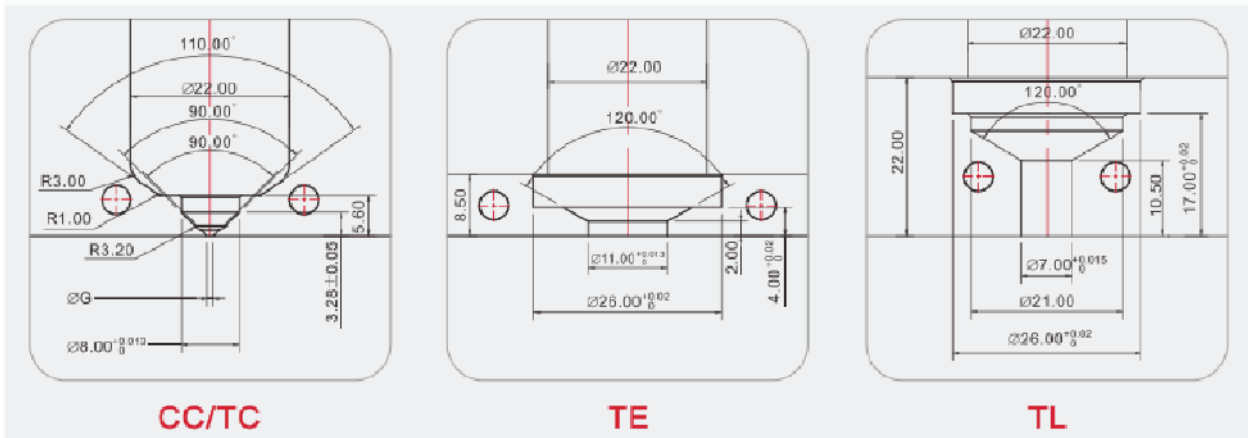
MODEL	L	HEATER	T/C
DA15OPNZ1000	100	THFR01806000	NZTPIC[CA]10125R
DA15OPNZ1100	110		NZTPIC[CA]10145R
DA15OPNZ1200	120	THFR01806500	
DA15OPNZ1300	130		NZTPIC[CA]10165R
DA15OPNZ1400	140	THFR01807000	

长度“L”：最短 (Min) =100mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

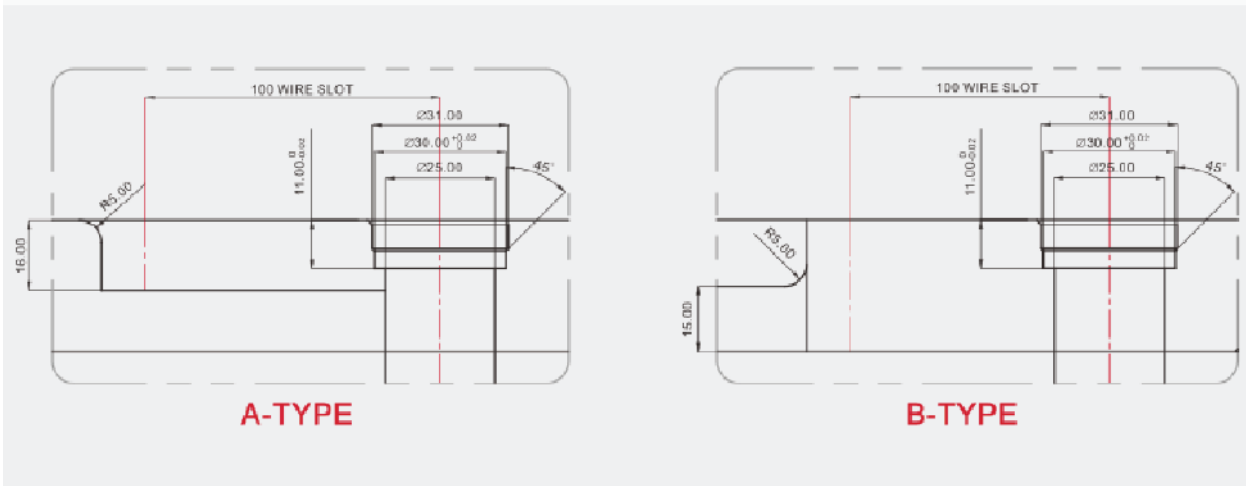


S-DURA18 OPEN SYSTEM

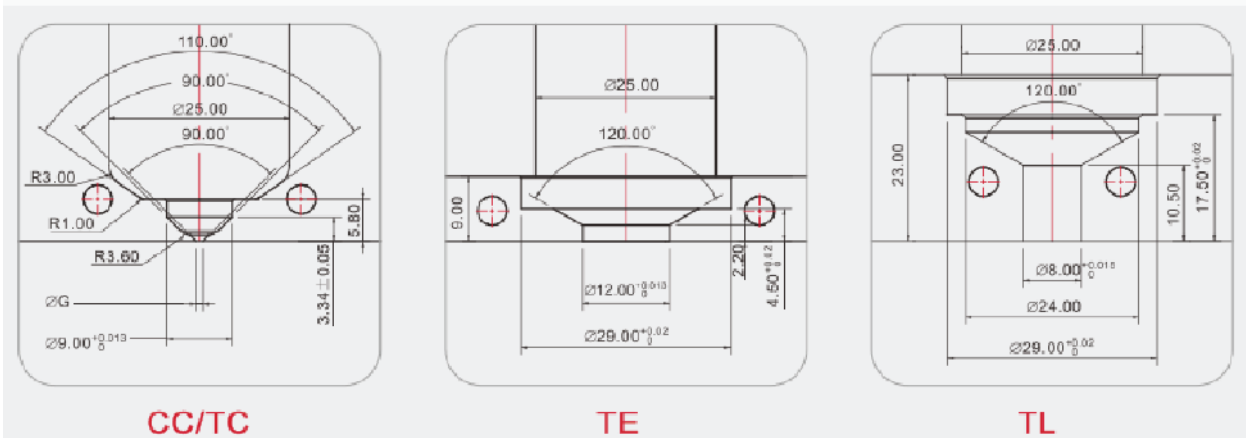
MODEL	L	HEATER	T/C
DA18OPNZ1000	100	THFR01806500	NZTPIC[CA]10125R
DA18OPNZ1100	110		NZTPIC[CA]10145R
DA18OPNZ1200	120	THFR01808000	NZTPIC[CA]10165R
DA18OPNZ1300	130		
DA18OPNZ1400	140		

长度“L”：最短 (Min) =100mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

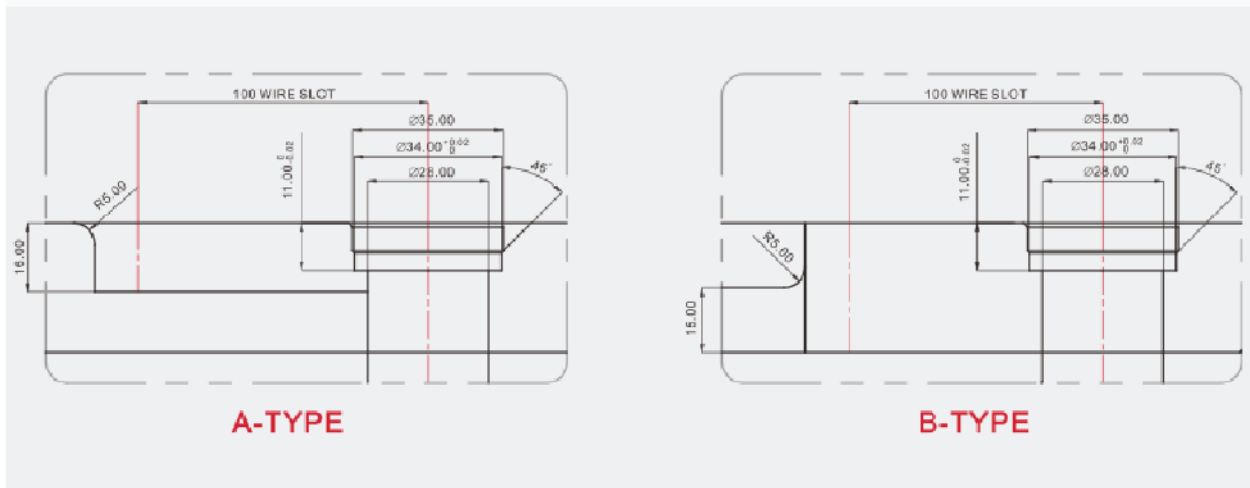


S-DURA21 OPEN SYSTEM

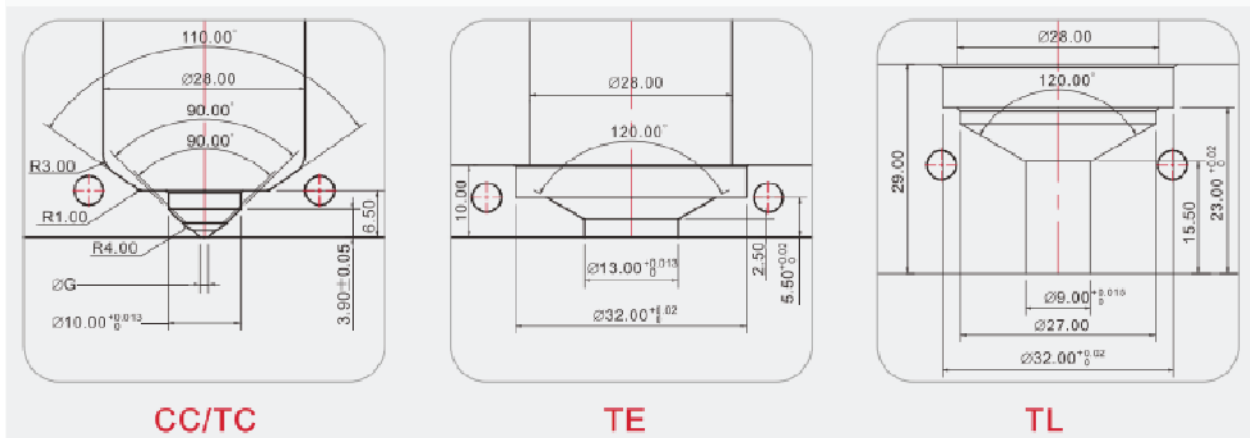
MODEL	L	HEATER	T/C
DA21OPNZ1000	100	THFR01807500	NZTPIC[CA]10125R
DA21OPNZ1100	110	THFR01808500	NZTPIC[CA]10145R
DA21OPNZ1200	120		
DA21OPNZ1300	130	THFR01810000	NZTPIC[CA]10165R
DA21OPNZ1400	140		
DA21OPNZ1500	150	THFR01811500	NZTPIC[CA]10185R
DA21OPNZ1600	160		

长度"L": 最短 (Min) =100mm 最长 (Max) =160mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

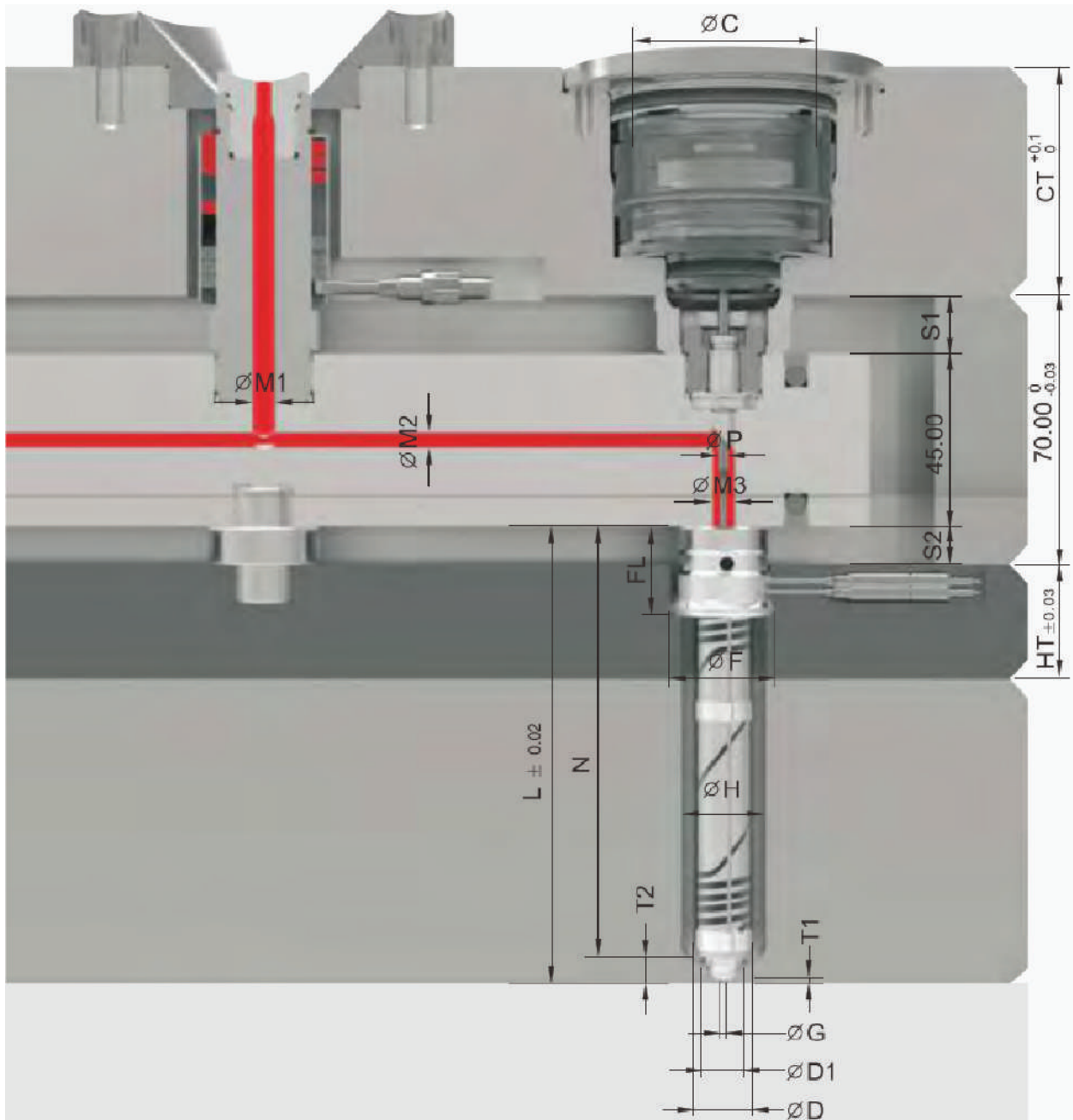
FLANGE PROCESS AREA



GATE PROCESS AREA



S-DURA SYSTEM

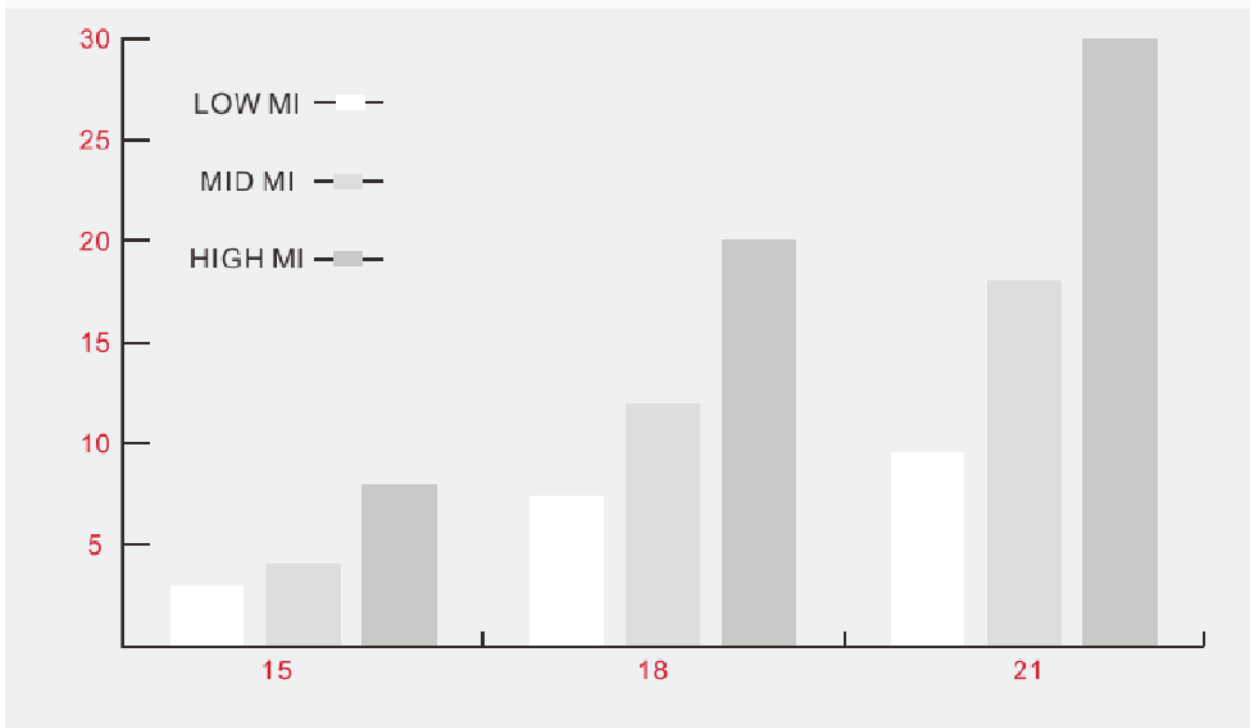


## Valve System Introduction

Division		S-DURA15	S-DURA18	S-DURA21
Model Number		DA-15-□□-□□□	DA-18-□□-□□□	DA-21-□□-□□□
Injection Volume		UP to 8	UP to 20	UP to 35
∅C		40	40	40
∅P		∅3-∅2	∅3-∅2.5	∅4-∅3
CT		60~	60~	60~
HT		Customer's Specification		
∅M1		6	8	8
∅M2		5	6	7
∅M3		5	6	7
S1		10	10	10
S2		15	15	15
∅F		27	30	34
FL		23	26	26
T2		8.5	9.5	11.3
T1		5.6	5.8	6.5
L	VV VE VL	100~140	100~140	100~160
∅G	VV VE VL	1.0/1.2	1.2/1.5	1.5/1.8
∅H		22	25	28
∅D1		8	9	10
∅D		15	18	21
∅1.8 Heater		THFR018□□□□0	THFR018□□□□0	THFR018□□□□0
Thermocouple		NZ TP□□10□□5R	NZ TP□□10□□5R	NZ TP□□10□□5R

NOZZLE SHOT DIAGRAM

S-DURA VAVLE SHOT WEIGHT(g)				
		S-DURA15	S-DURA18	S-DURA21
SHOT WEIGHT	LOW MI	3	7.5	9.5
	MID MI	4	12	18
	HIGH MI	8	20	30

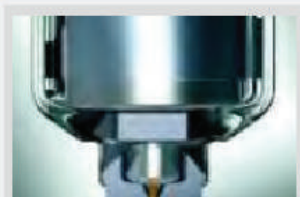




GATING TYPE



VV TYPE



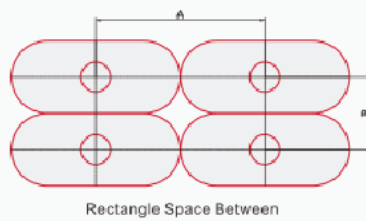
VE TYPE



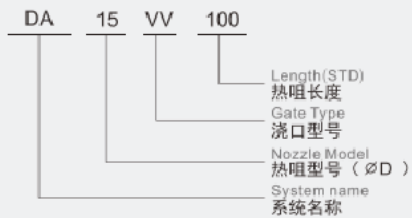
VL TYPE

## Valve System Introduction

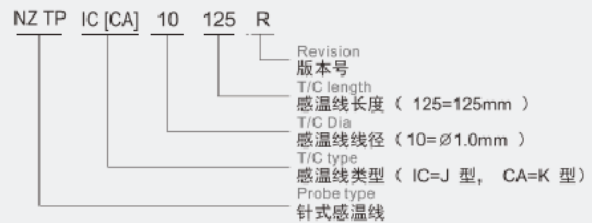
Gate minimum space(A) unit:mm			
Cylinder	Between N/L&Nozzle	Between Nozzles	
		A	B
VCP40	56	74	74
Elsvcp50	50	92	40



### How to read Nozzle Model



### How to read Thermocouple Code

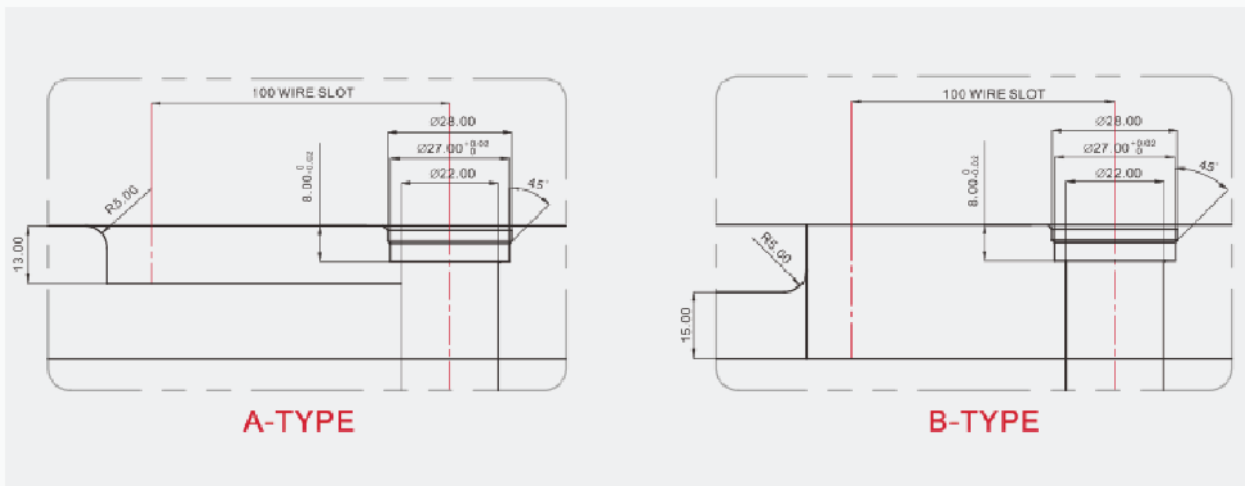


S-DURA15 VALVE SYSTEM

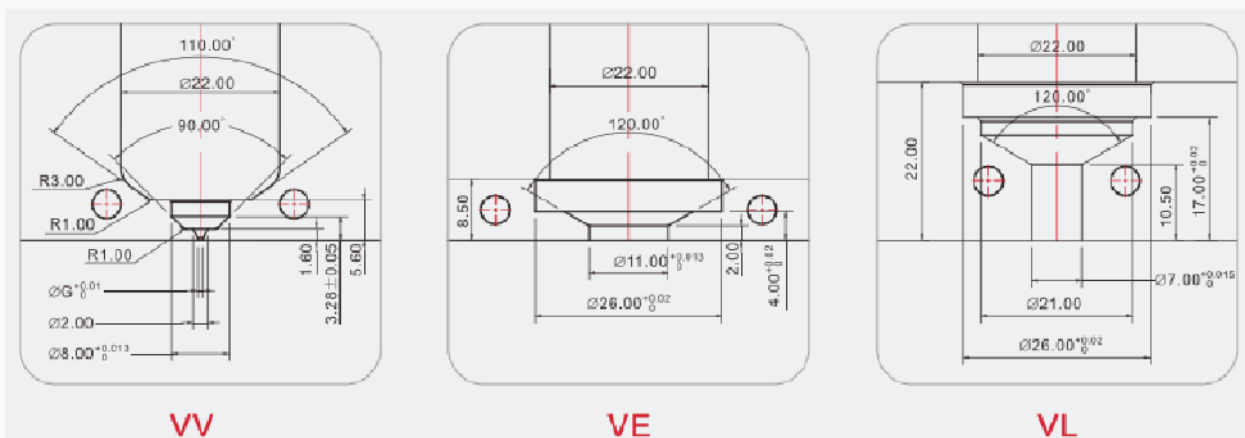
MODEL	L	HEATER	T/C
DA15VVNZ1000	100	THFR01806000	NZTPIC[CA]10125R
DA15VVNZ1100	110		NZTPIC[CA]10145R
DA15VVNZ1200	120	THFR01806500	
DA15VVNZ1300	130		NZTPIC[CA]10165R
DA15VVNZ1400	140	THFR01807000	

长度“L”：最短 (Min) =100mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

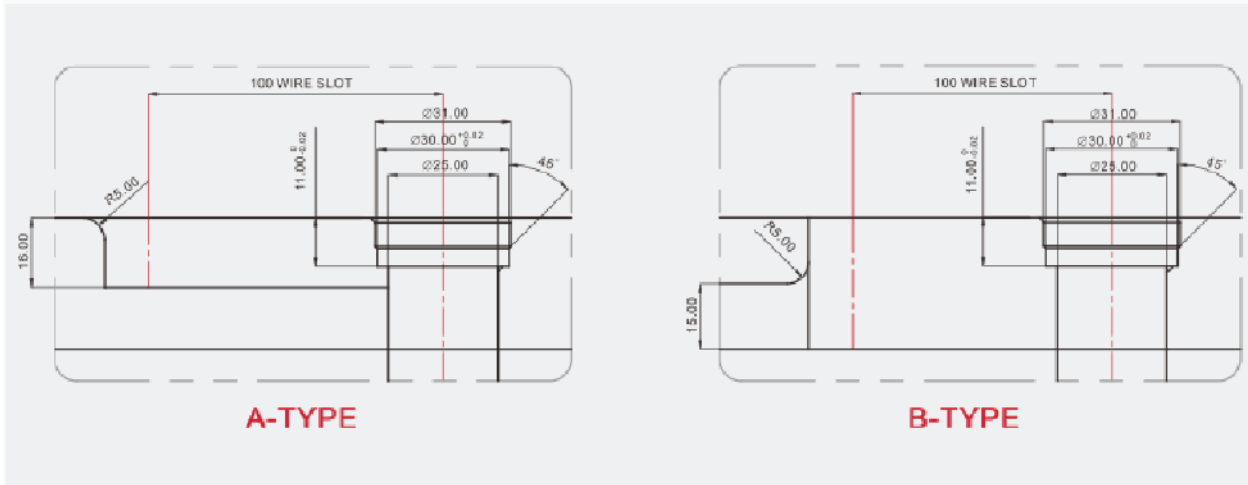


S-DURA18 VALVE SYSTEM

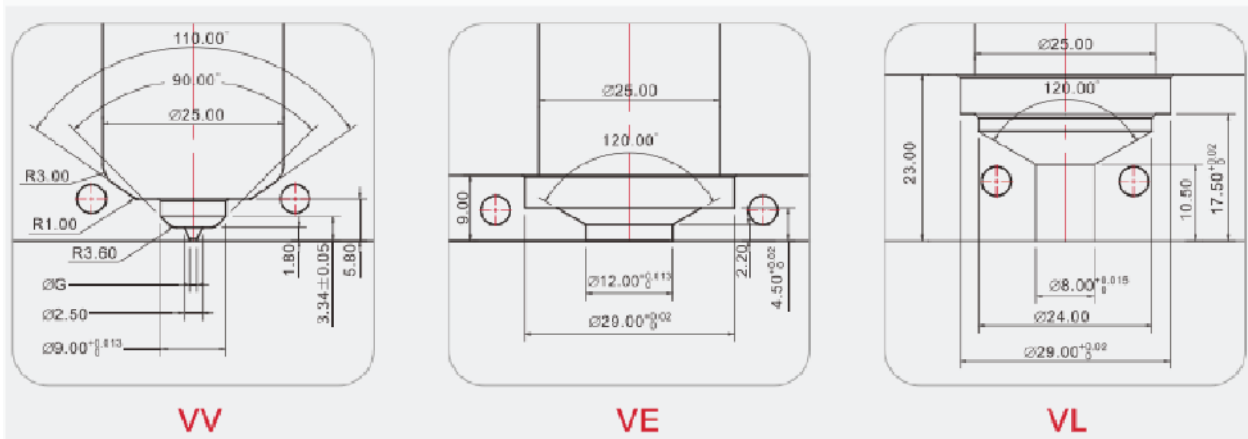
MODEL	L	HEATER	T/C
DA18VVNZ1000	100	THFR01806500	NZTPIC[CA]10125R
DA18VVNZ1100	110		NZTPIC[CA]10145R
DA18VVNZ1200	120	THFR01808000	NZTPIC[CA]10165R
DA18VVNZ1300	130		
DA18VVNZ1400	140		

长度“L”：最短 (Min) =100mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

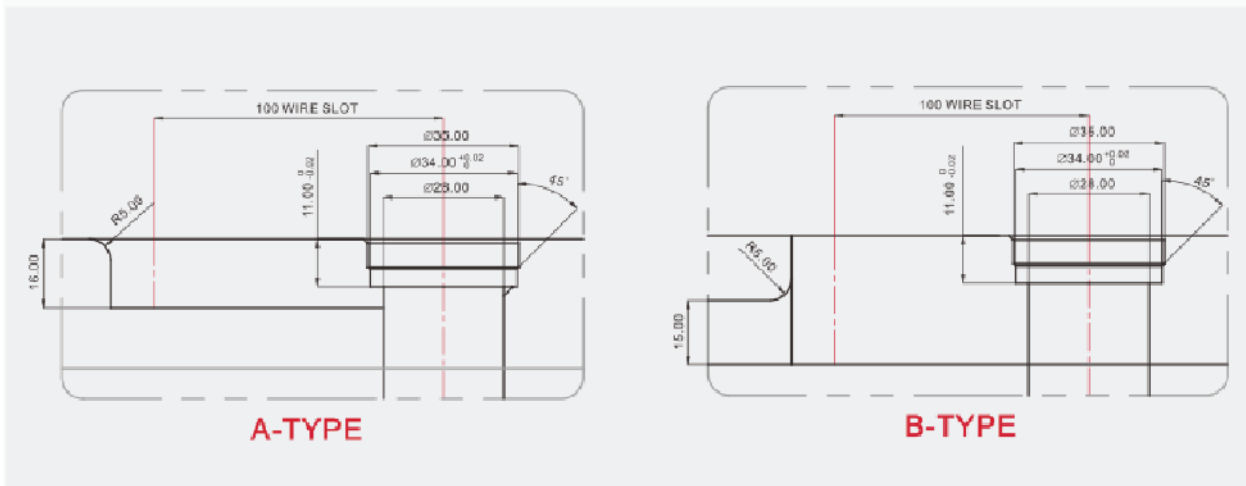


S-DURA21 VALVE SYSTEM

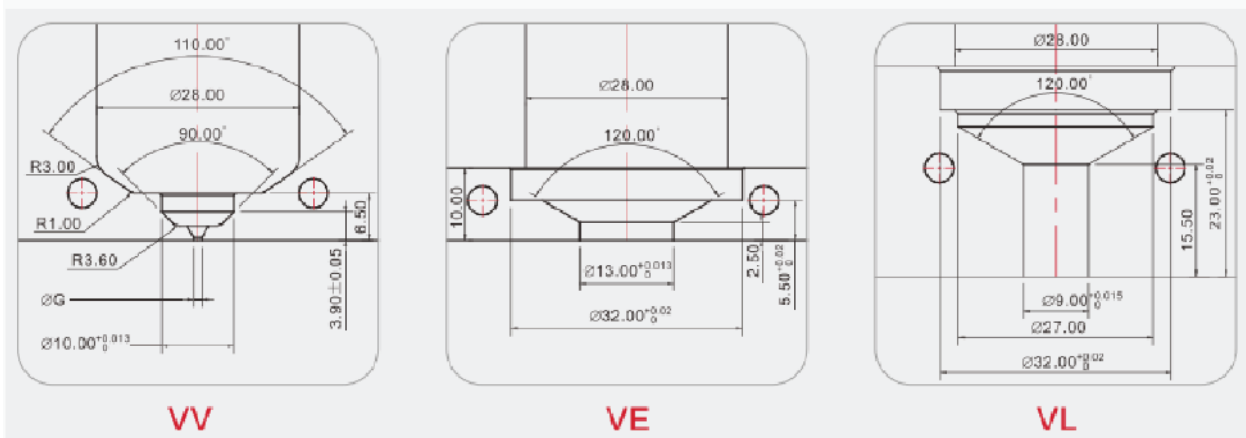
MODEL	L	HEATER	T/C
DA21VVNZ1000	100	THFR01807500	NZTPIC[CA]10125R
DA21VVNZ1100	110	THFR01808500	NZTPIC[CA]10145R
DA21VVNZ1200	120		
DA21VVNZ1300	130	THFR01810000	NZTPIC[CA]10165R
DA21VVNZ1400	140		
DA21VVNZ1500	150	THFR01811500	NZTPIC[CA]10185R
DA21VVNZ1600	160		

长度“L”：最短 (Min) =100mm 最长 (Max) =160mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA



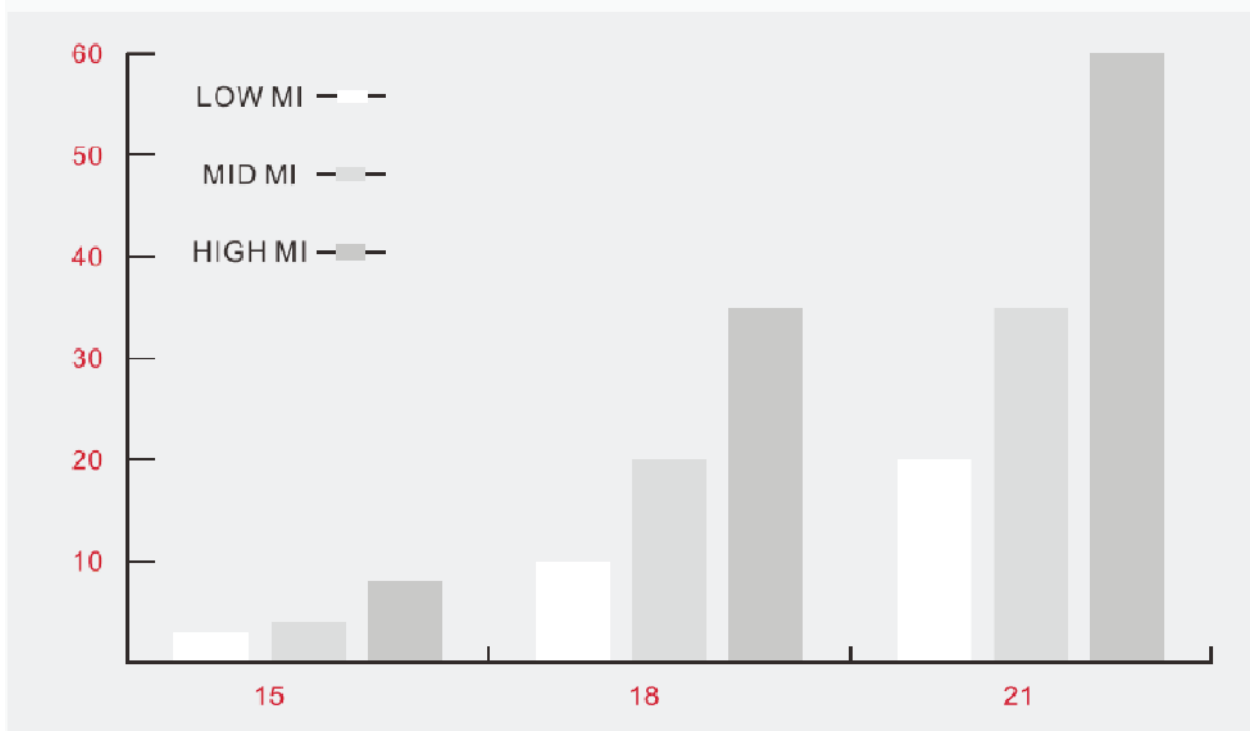


## Open System Introduction

Division		S-DURA PLUS15	S-DURA PLUS18	S-DURA PLUS21
Model Number		DP-15-□□-□□□	DP-18-□□-□□□	DP-21-□□-□□□
Injection Volume		UP to 8	UP to 35	UP to 60
CT		Customer's Specification		
HT		Customer's Specification		
∅M1		6	6	8
∅M2		4	5	6
∅M3		4	5	6
S1		5	5	5
S2		20	20	20
∅F		34	37	40
FL		20	20	20
T		8.5	10	11.5
L	CC CL OA	80~140	80~140	80~160
∅G	CC CL OA	0.8/1.0	1.0/1.2	1.0/1.2/1.5
∅H		25	28	32
∅D1		23	26	29
∅D(BODY)		15	18	21
∅1.8 Heater		THFR018□□□□0	THFR018□□□□0	THFR018□□□□0
Thermocouple		NZ TP□□10□□5R	NZ TP□□10□□5R	NZ TP□□10□□5R

NOZZLE SHOT DIAGRAM

S-DURA PLUS OPEN SHOT WEIGHT(g)				
		S-DURA PLUS15	S-DURA PLUS18	S-DURA PLUS21
SHOT WEIGHT	LOW MI	3	10	20
	MID MI	4	20	35
	HIGH MI	8	35	60





GATING TYPE



CC TYPE



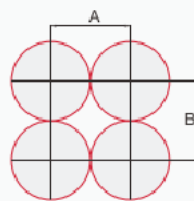
CL TYPE



OATYPE

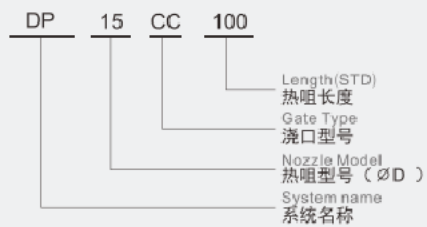
## Open System Introduction

Types	Gate minimum space(A) unit:mm	
	Open Square (AB)	Open Rectangle
S-Dura plus 15	34/34	TBC
S-Dura plus 18	37/37	TBC
S-Dura plus 21	40/40	TBC

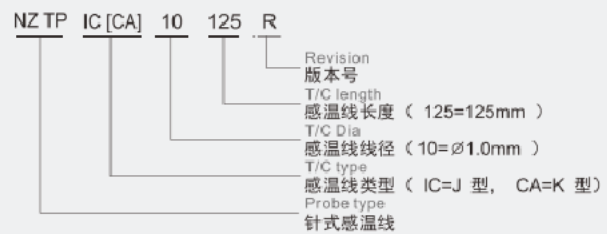


Square Space Between

### ■ How to read Nozzle Model



### ■ How to read Thermocouple Code

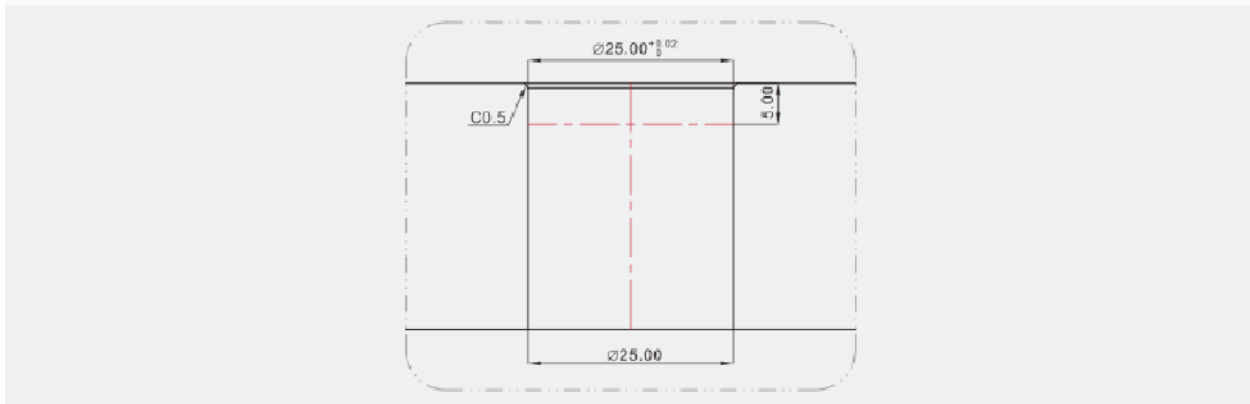


S-DURA PLUS15 OPEN SYSTEM

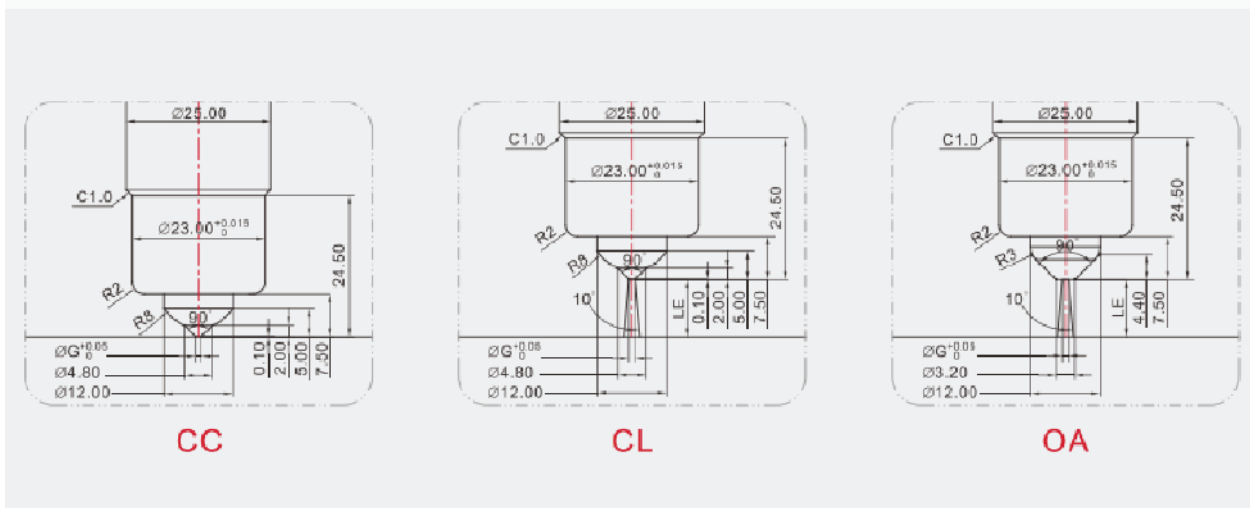
MODEL	L	HEATER	T/C
DP15OPNZ0800	80	THFR01806500	NZTPIC[CA]10085R
DP15OPNZ0900	90	THFR01807000	NZTPIC[CA]10105R
DP15OPNZ1000	100		
DP15OPNZ1100	110	THFR01807500	NZTPIC[CA]10125R
DP15OPNZ1200	120		
DP15OPNZ1300	130	THFR01808000	NZTPIC[CA]10145R
DP15OPNZ1400	140		

长度"L": 最短 (Min) =80mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

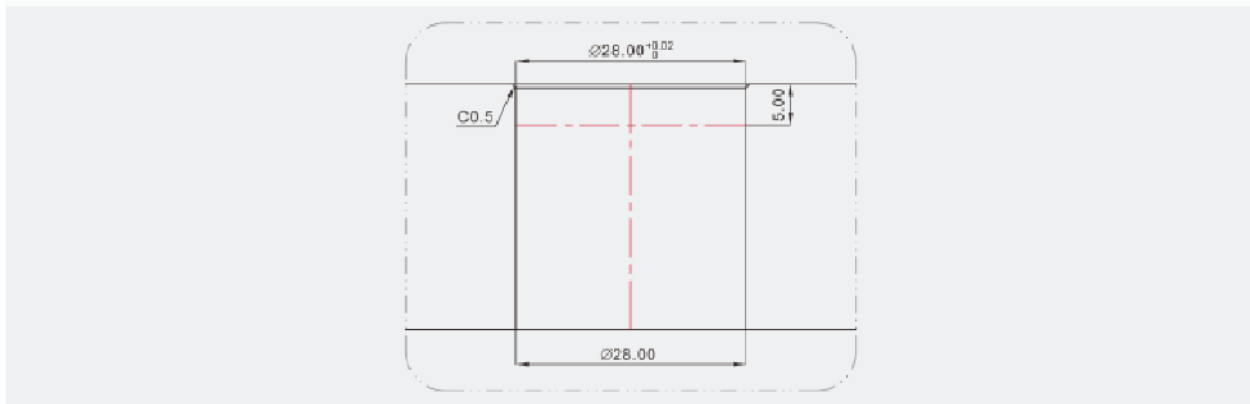


S-DURA PLUS18 OPEN SYSTEM

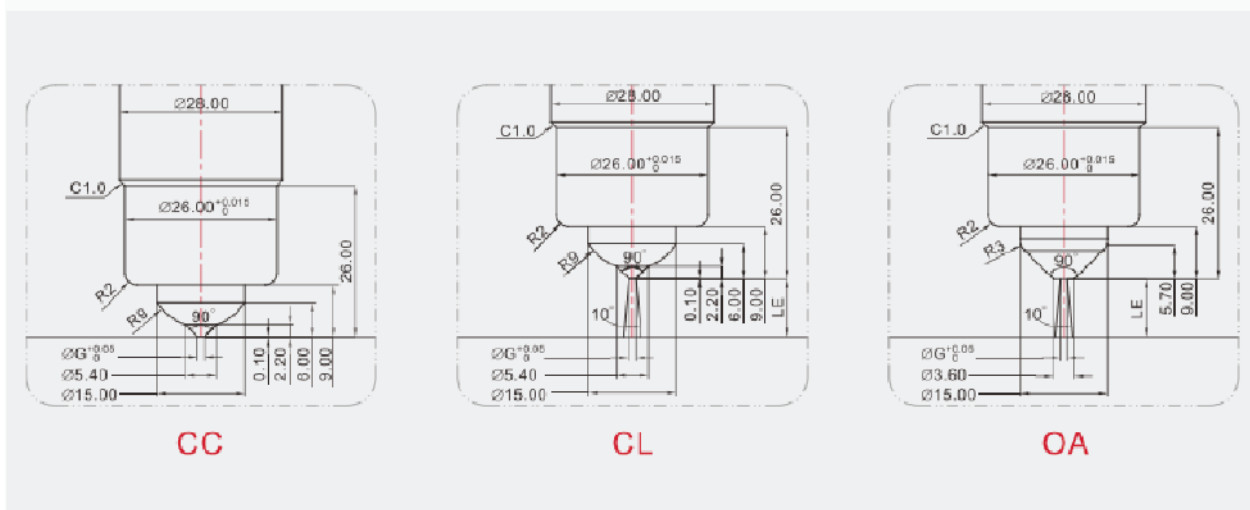
MODEL	L	HEATER	T/C
DP18OPNZ0800	80	THFR01807000	NZTPIC[CA]10085R
DP18OPNZ0900	90	THFR01807500	NZTPIC[CA]10105R
DP18OPNZ1000	100		
DP18OPNZ1100	110	THFR01808000	NZTPIC[CA]10125R
DP18OPNZ1200	120		
DP18OPNZ1300	130		
DP18OPNZ1400	140	THFR01808500	NZTPIC[CA]10145R

长度\*L: 最短 (Min) =80mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

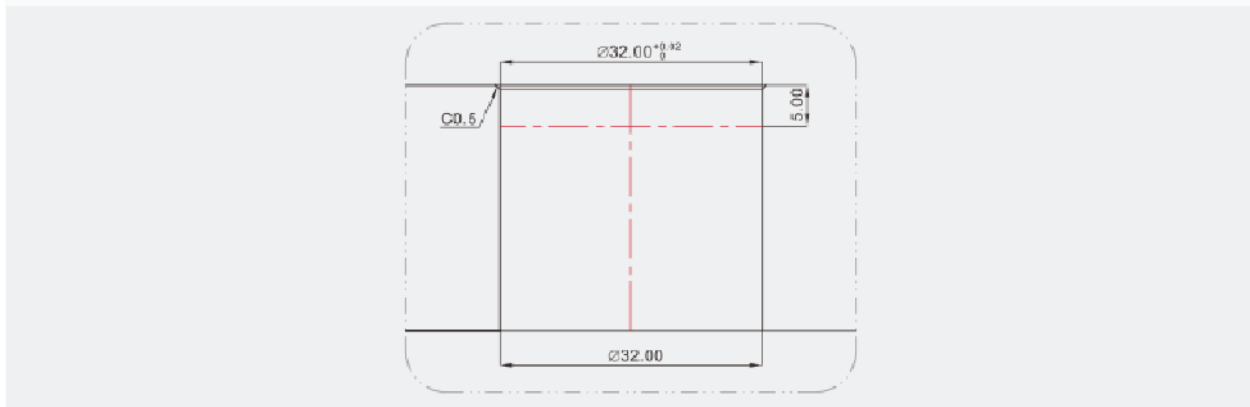


S-DURA PLUS21 OPEN SYSTEM

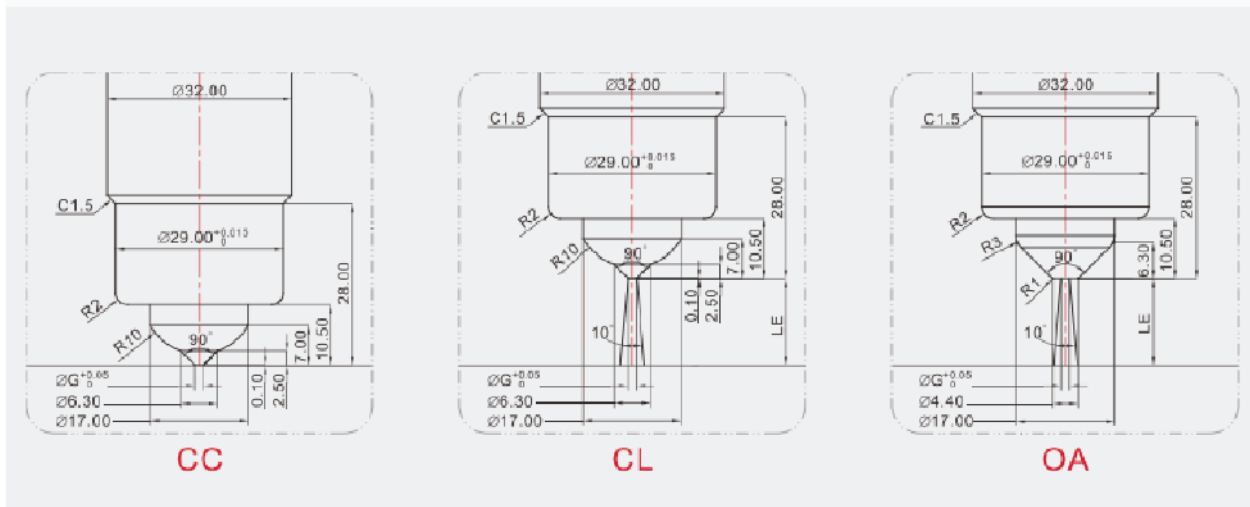
MODEL	L	HEATER	T/C
DP21OPNZ0800	80	THFR01807500	NZTPIC[CA]10085R
DP21OPNZ0900	90	THFR01808000	NZTPIC[CA]10105R
DP21OPNZ1000	100		
DP21OPNZ1100	110	THFR01808500	NZTPIC[CA]10125R
DP21OPNZ1200	120		
DP21OPNZ1300	130	THFR01809000	NZTPIC[CA]10145R
DP21OPNZ1400	140		
DP21OPNZ1500	150	THFR01809500	NZTPIC[CA]10165R
DP21OPNZ1600	160		

长度"L": 最短 (Min) =80mm 最长 (Max) =160mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

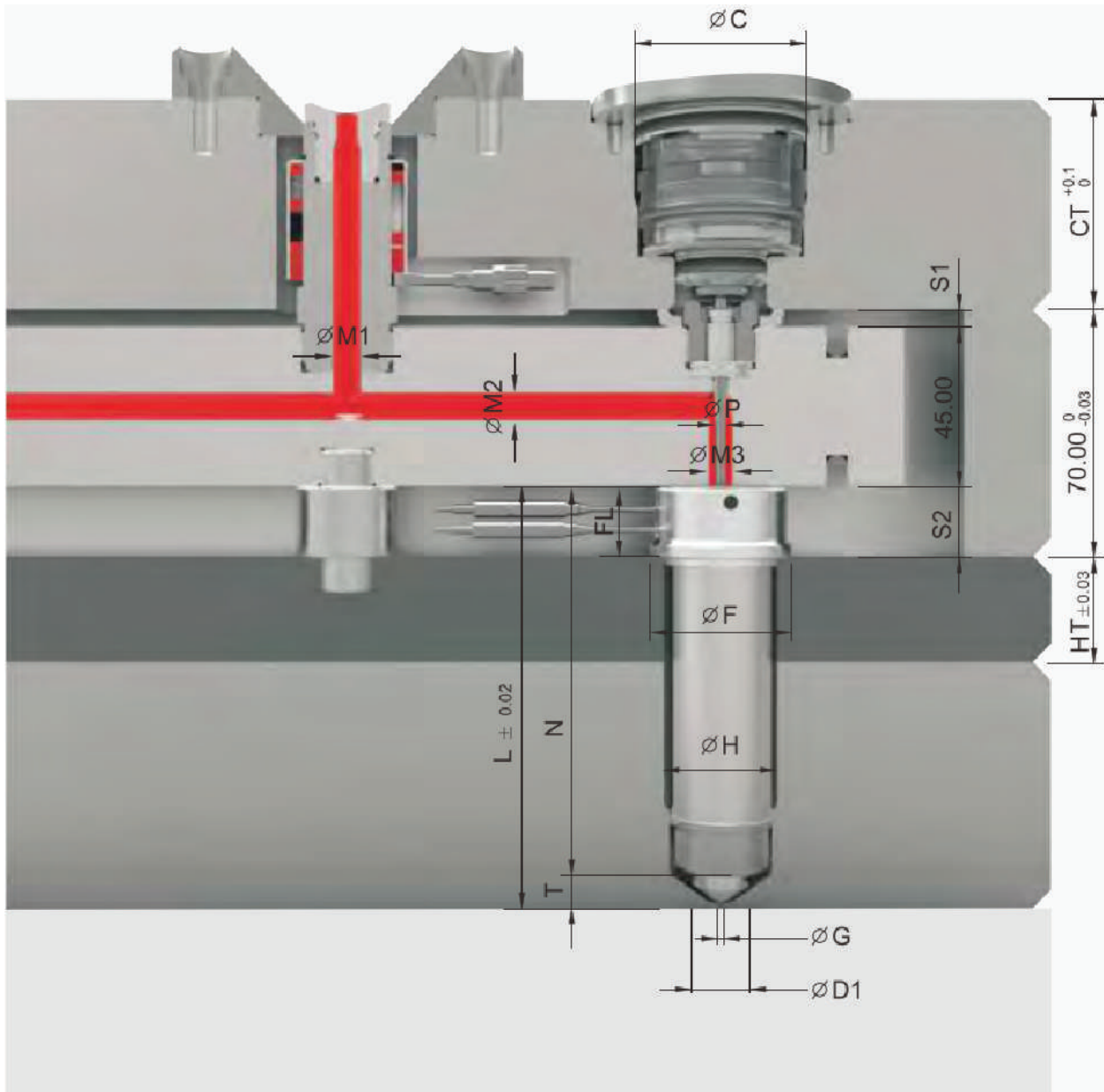
FLANGE PROCESS AREA



GATE PROCESS AREA



S-DURA PLUS SYSTEM

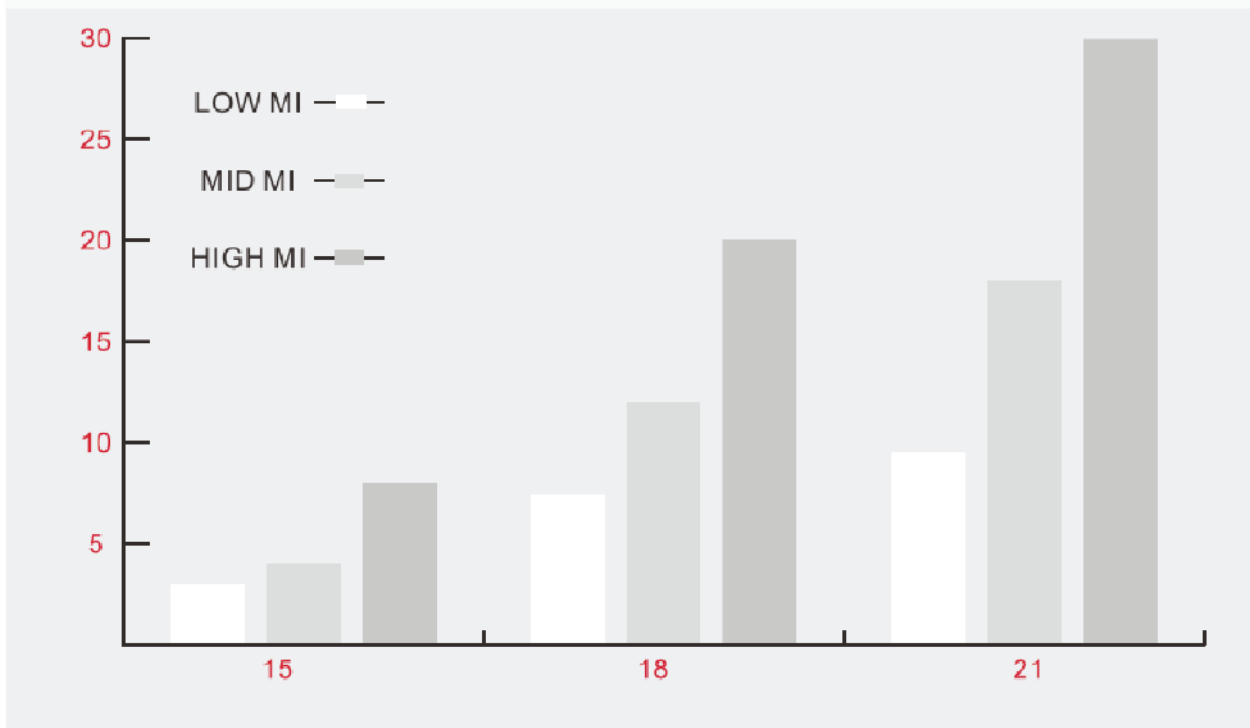


## Valve System Introduction

Division		S-DURA PLUS15	S-DURA PLUS18	S-DURA PLUS21
Model Number		DP-15-□□-□□□	DP-18-□□-□□□	DP-21-□□-□□□
Injection Volume		UP to 8	UP to 20	UP to 35
∅C		40	40	40
∅P		∅3-∅2	∅3-∅2.5	∅4-∅3
CT		60~	60~	60~
HT		Customer's Specification		
∅M1		6	8	8
∅M2		5	6	7
∅M3		5	6	7
S1		5	5	5
S2		20	20	20
∅F		34	37	40
FL		20	20	20
T		8.5	10	11.5
L	VV VL	80~140	80~140	80~160
∅G	VV VL	1.0/1.2	1.2/1.5	1.5/1.8
∅H		25	28	32
∅D1		23	26	29
∅D(BODY)		15	18	21
∅1.8 Heater		THFR018□□□□0	THFR018□□□□0	THFR018□□□□0
Thermocouple		NZ TP□□10□□5R	NZ TP□□10□□5R	NZ TP□□10□□5R

NOZZLE SHOT DIAGRAM

S-DURA PLUS VAVLE SHOT WEIGHT(g)				
		S-DURA PLUS15	S-DURA PLUS18	S-DURA PLUS21
SHOT WEIGHT	LOW MI	3	7.5	9.5
	MID MI	4	12	18
	HIGH MI	8	20	30





GATING TYPE



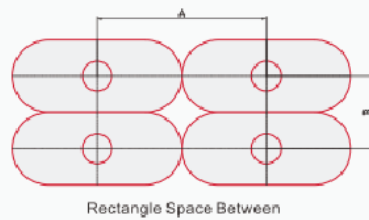
VV TYPE



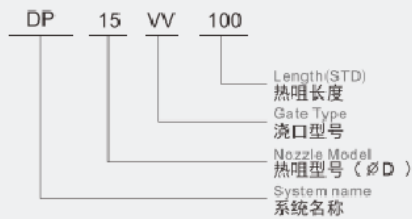
VL TYPE

## Valve System Introduction

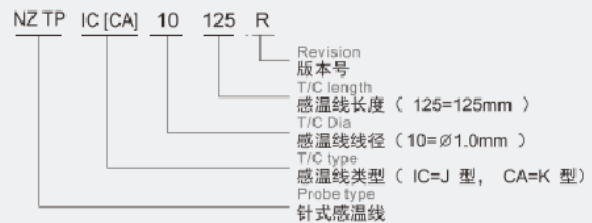
Gate minimum space(A) unit:mm			
Cylinder	Between N/L&Nozzle	Between Nozzles	
		A	B
VCP40	56	74	74
Elsvcp50	50	92	40



### How to read Nozzle Model



### How to read Thermocouple Code

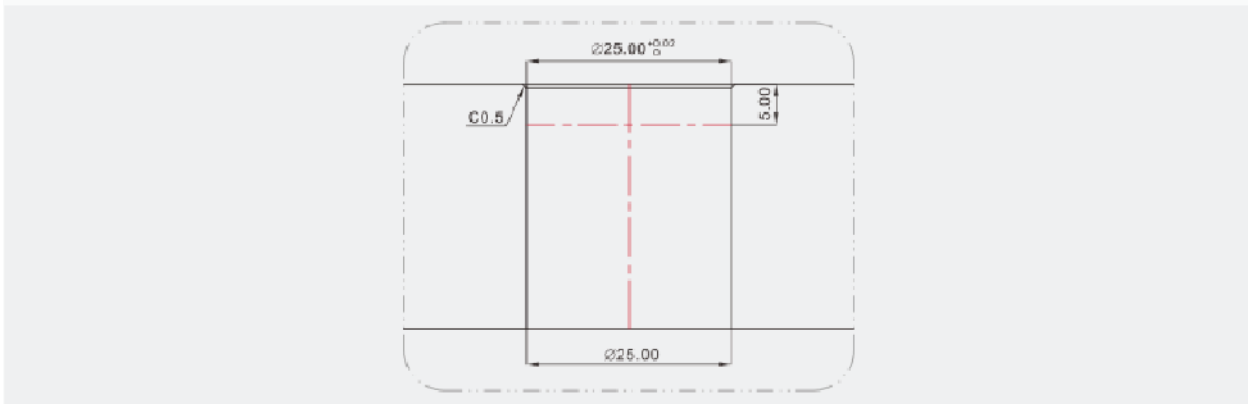


S-DURA PLUS15 VAVLE SYSTEM

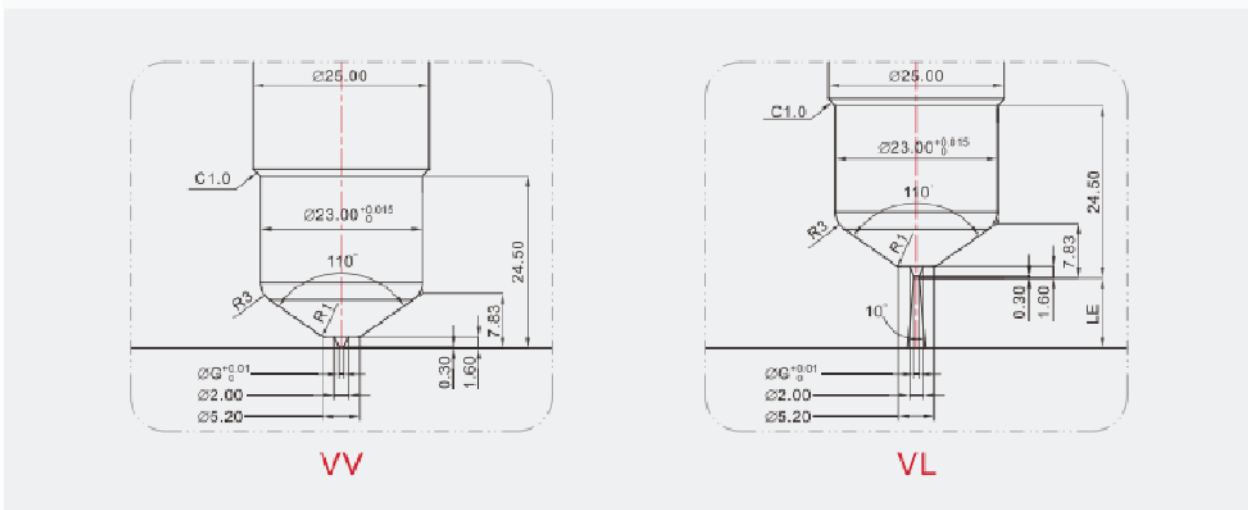
MODEL	L	HEATER	T/C
DP15VVNZ0800	80	THFR01806500	NZTPIC[CA]10085R
DP15VVNZ0900	90	THFR01807000	NZTPIC[CA]10105R
DP15VVNZ1000	100		
DP15VVNZ1100	110	THFR01807500	NZTPIC[CA]10125R
DP15VVNZ1200	120		
DP15VVNZ1300	130		
DP15VVNZ1400	140	THFR01808000	NZTPIC[CA]10145R

长度"L": 最短 (Min) =80mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

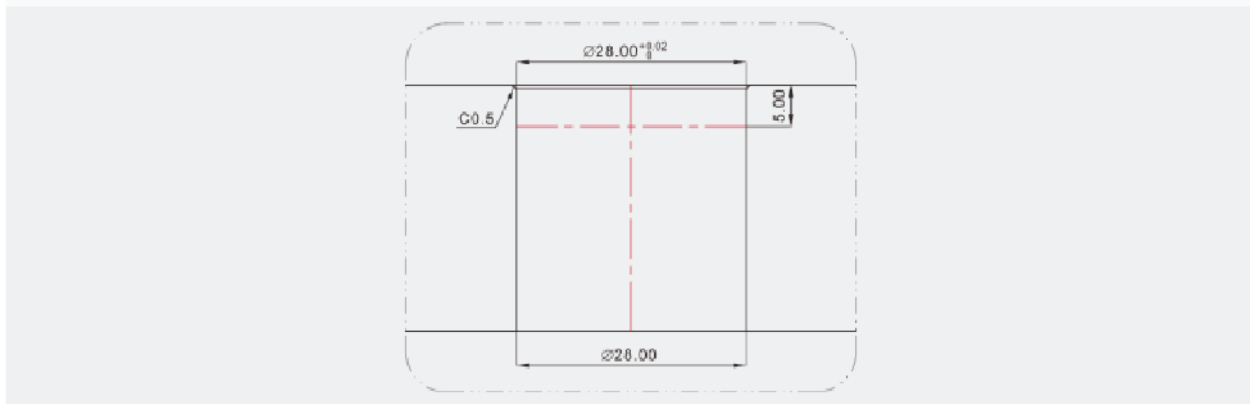


S-DURA PLUS18 VAVLE SYSTEM

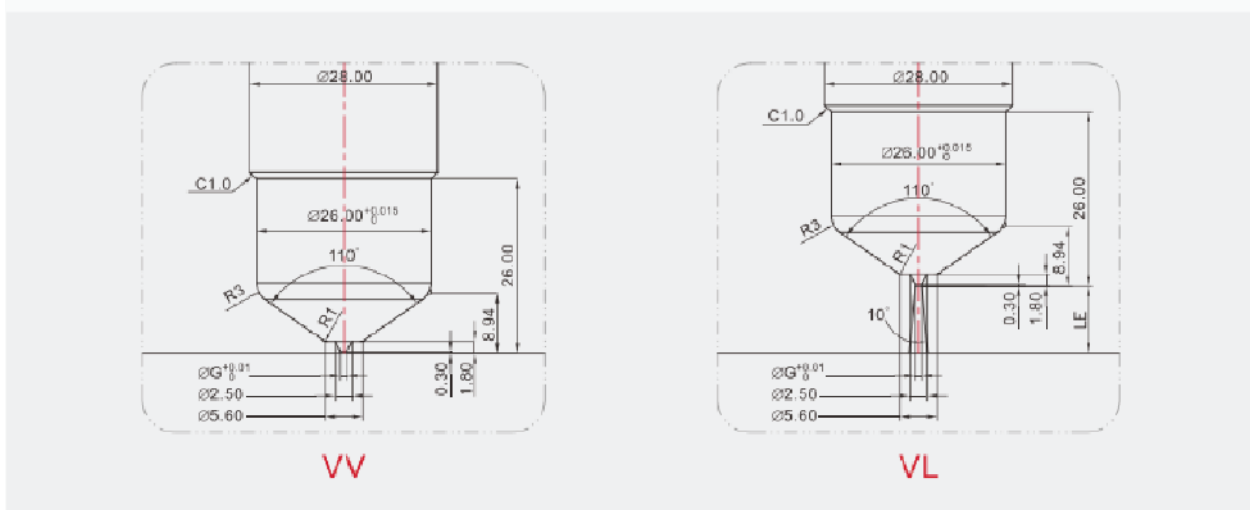
MODEL	L	HEATER	T/C
DP18VVNZ0800	80	THFR01807000	NZTPIC[CA]10085R
DP18VVNZ0900	90	THFR01807500	NZTPIC[CA]10105R
DP18VVNZ1000	100		
DP18VVNZ1100	110	THFR01808000	NZTPIC[CA]10125R
DP18VVNZ1200	120		
DP18VVNZ1300	130		
DP18VVNZ1400	140	THFR01808500	NZTPIC[CA]10145R

长度“L”：最短 (Min) =80mm 最长 (Max) =140mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

FLANGE PROCESS AREA



GATE PROCESS AREA

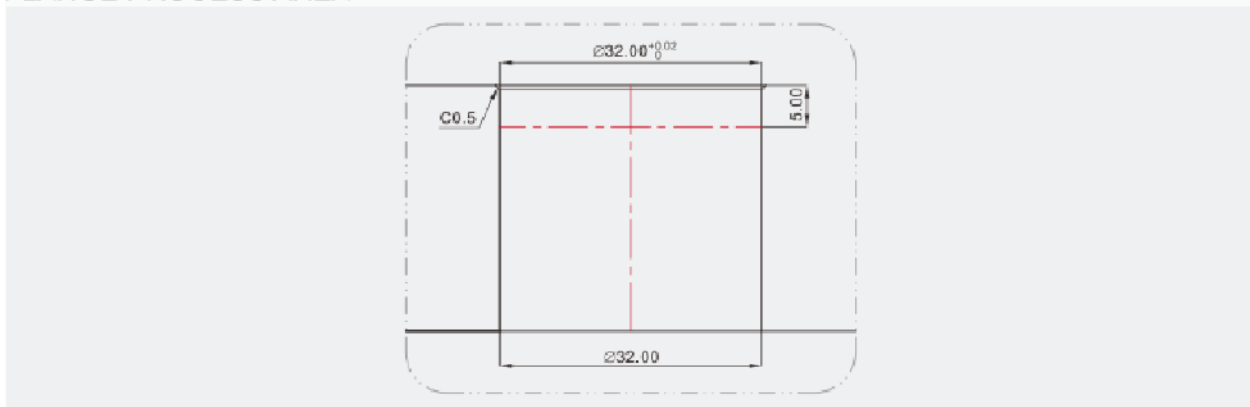


S-DURA PLUS21 VAVLE SYSTEM

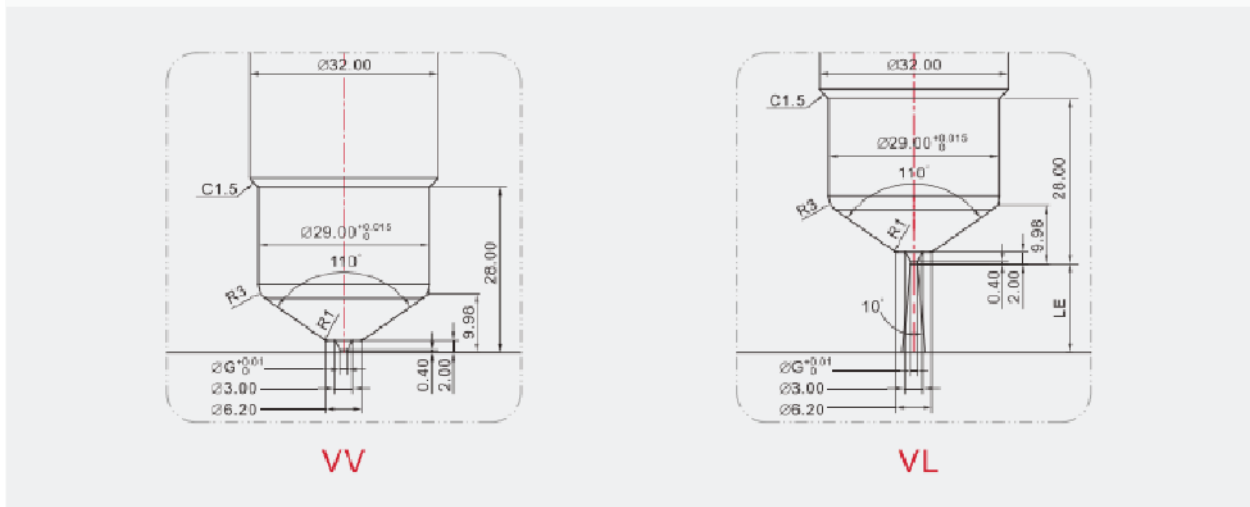
MODEL	L	HEATER	T/C
DP18VVNZ0800	80	THFR01807500	NZTPIC[CA]10085R
DP18VVNZ0900	90	THFR01808000	NZTPIC[CA]10105R
DP18VVNZ1000	100		
DP18VVNZ1100	110	THFR01808500	NZTPIC[CA]10125R
DP18VVNZ1200	120		
DP18VVNZ1300	130	THFR01809000	NZTPIC[CA]10145R
DP18VVNZ1400	140		
DP18VVNZ1500	150	THFR01809500	NZTPIC[CA]10165R
DP18VVNZ1600	160		

长度"L": 最短 (Min) =80mm 最长 (Max) =160mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)

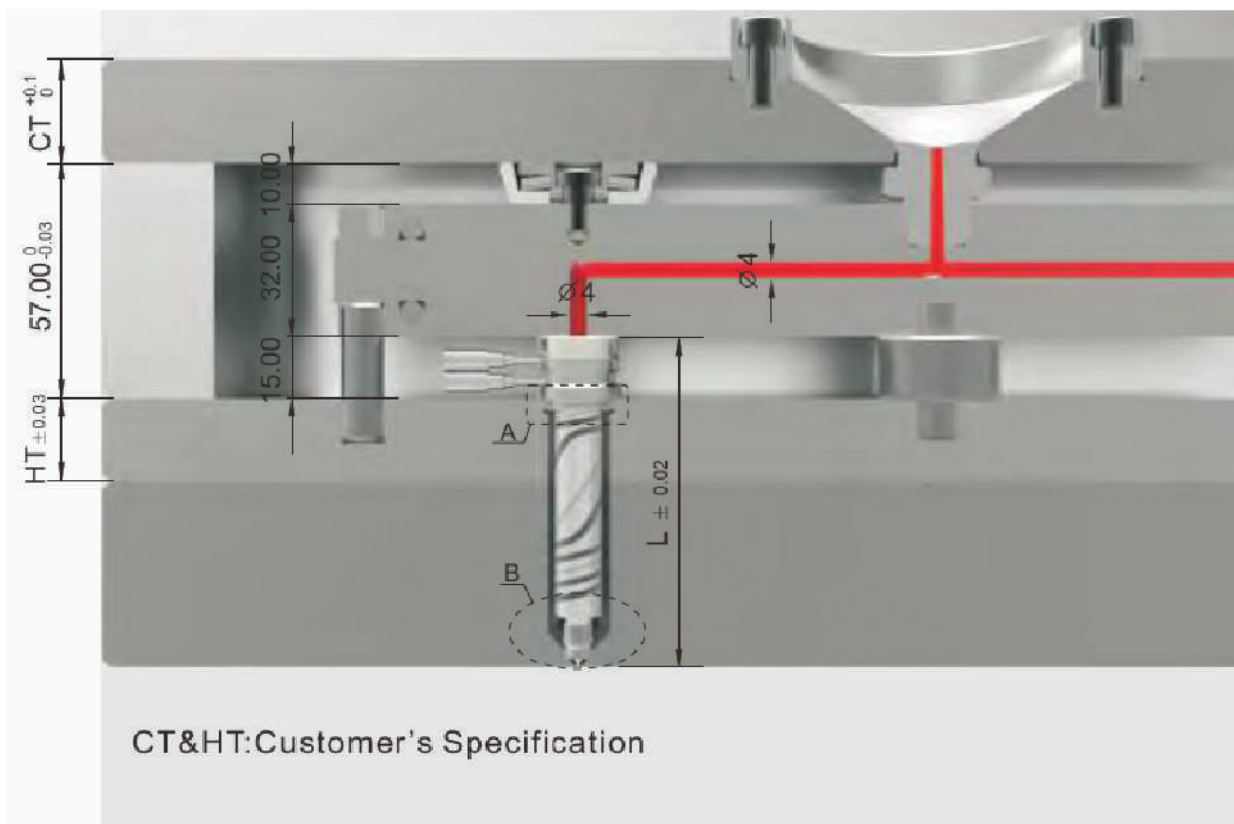
FLANGE PROCESS AREA



GATE PROCESS AREA

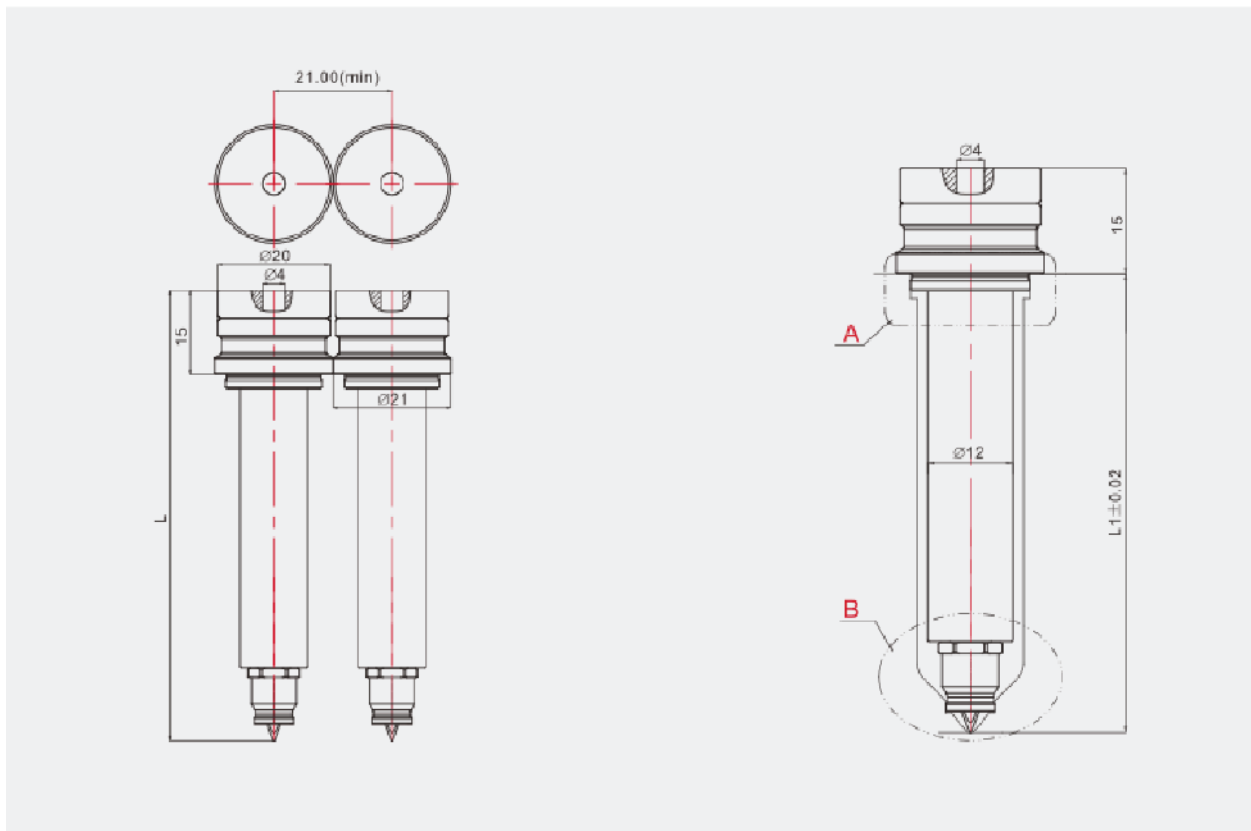


S-SLIM System Introduction

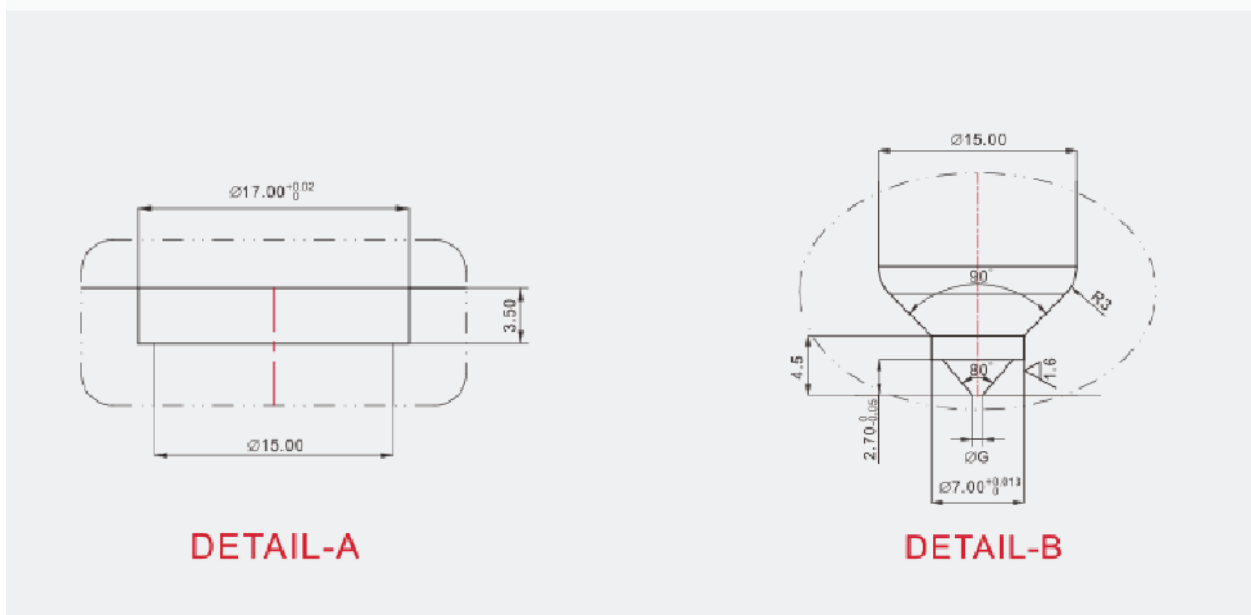


NOZZLE DIMENSIONS 热嘴尺寸				Unit:mm
MODEL	L	L1(L-15)	ØG	
S-SLIM12OP08000	80	65	0.8/1.0	
S-SLIM12OP09000	90	75	0.8/1.0	
S-SLIM12OP11000	110	95	0.8/1.0	
S-SLIM12OP14000	140	125	0.8/1.0	

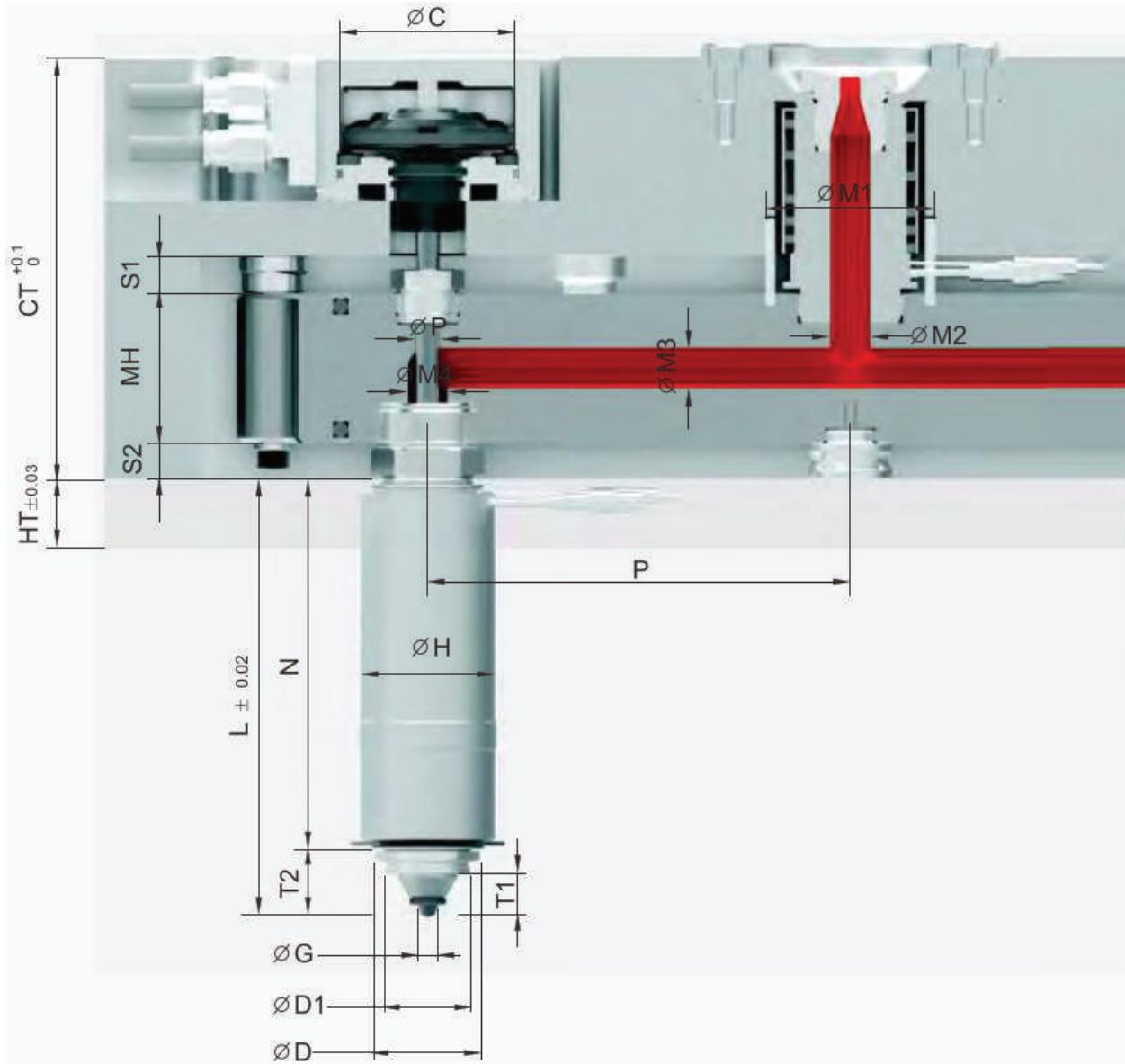
NOZZLE SECTION



MOLD POCKET



PRM-T MODU Introduction(valve)





## PRM-T MODU Introduction(valve)

Division	PRM-T 25	PRM-T 35	PRM-T 45	
Model Number	PRM-T-25-□□-□□□	PRM-T-35-□□-□□□	PRM-T-45-□□-□□□	
Injection Volume	UP to 350gr	UP to 800gr	Over 1600gr	
∅C	50	60	70	
∅P	4	6	8	10
CT	160~	165~	170~	
HT	Customer's Specification			
MH	55	55	60	
∅M1	50	60	70	
∅M2	10	12	16	
∅M3	10	12	16	
∅M4	10	12	16	18
S1	15	15	15	
S2	15	15	15	
T2	16	21	26	
T1	6.9	11.4	15.4	
L	70~260	75~275	84~294	
∅H	44	54	64	
∅G	1.5/2.0/2.5	2.5/3.0/4.0	4.0/5.0	6.0/7.0
∅D1	18	26	34	
∅D	25.15	35.15	45.15	
Tube Heater	TH OS 25□□4 36 5	TH OS 35□□5 36 5	TH OS 45□□8 36 5	
Thermocouple	NZ TP□□16□□52	NZ TP□□16□□52	NZ TP□□16□□52	

备注/Remark:  $L \geq P/2$

Actual Length of Nozzle when delivered

Actual Length of Nozzle(L1)=L- $\Delta$ L-T2

$\Delta$ L=(L-T2-FL)  $\times$   $1.2 \times 10^{-5} \times$  (Injection Temp.-Mold Temp.)

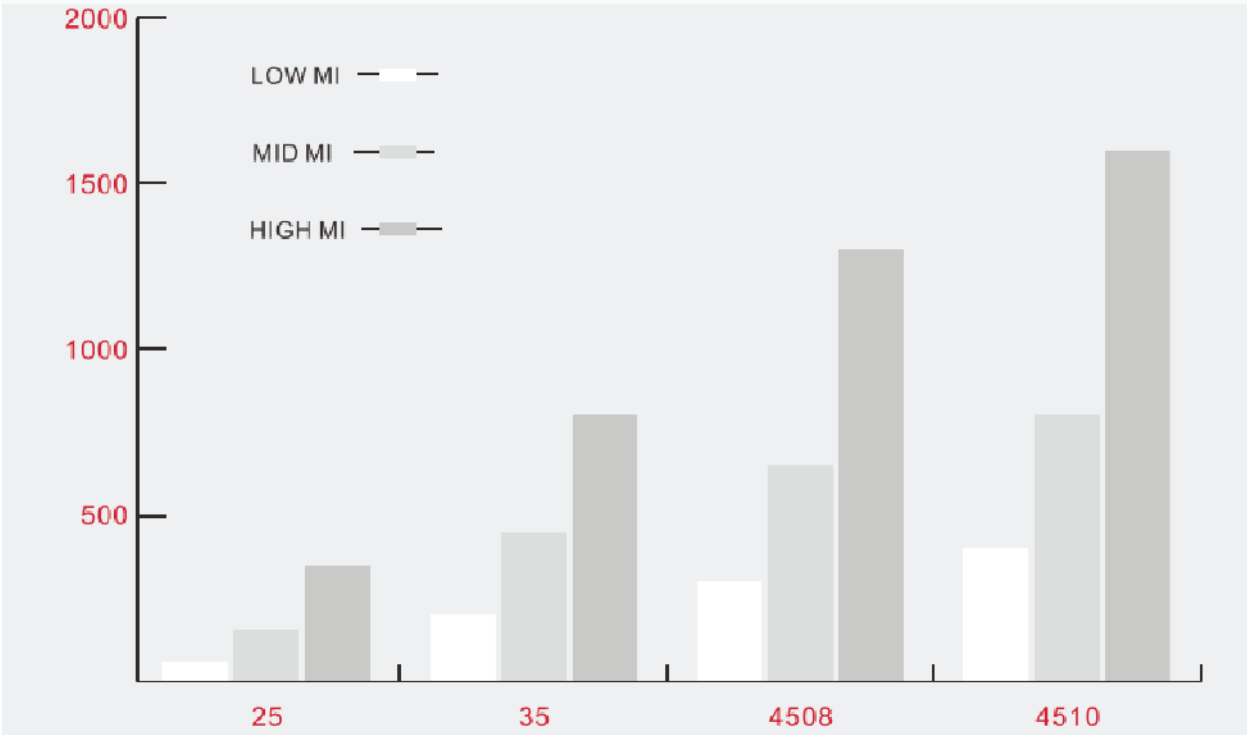
例: PRM-T 45 VV 150 (射出温度: 250°C/模具温度: 50°C)

$\Delta$ L热膨胀数= (150-26-30)  $\times$   $1.2 \times 10^{-5} \times$  (250-50)=0.23

本体实际长度 (N) : 150-0.23-26=123.77

NOZZLE SHOT DIAGRAM

PRM-T VALVE SHOT WEIGHT(g)					
		PRM-T-25	PRM-T-35	PRM-T-4508	PRM-T-4510
SHOT WEIGHT	LOW MI	60	200	300	400
	MID MI	150	450	650	800
	HIGH MI	350	800	1300	1600



GATING TYPE



VG TYPE



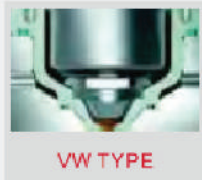
VS TYPE



VE TYPE



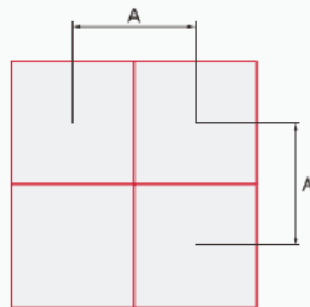
VL TYPE



VW TYPE

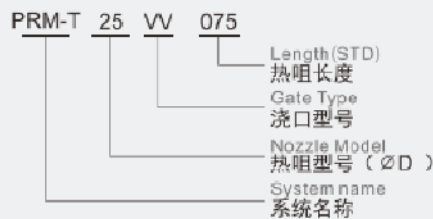
## PRM-T MODU Introduction(valve)

Gate minimum space(A/B) unit:mm		
Cylinder	(N/L Area) 主射咀周围	(Others) 其它
	Symmetrical	Valve Square
VCP50	120	80/80
VCP60	120	80/80
VCP70	140	90/90
VCP80	160	100/100

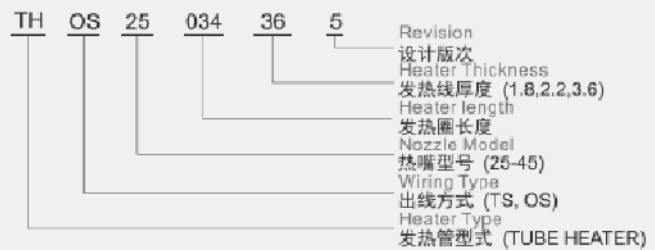


Square Space Between

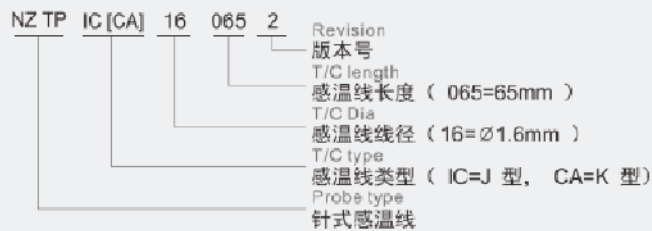
### How to read Nozzle Model



### How to read Heater Code



### How to read Thermocouple Code



## PRM-T 25 VALVE SYSTEM

MODEL	L	HEATER	T/C
PRM-T 25 □□	70~79.99	THOS 25 034 36 5	
PRM-T 25 □□	80~89.99	THOS 25 044 36 5	NZ TP IC [CA] 16 065 2
PRM-T 25 □□	90~99.99	THOS 25 054 36 5	
PRM-T 25 □□	100~109.99	THOS 25 064 36 5	NZ TP IC [CA] 16 085 2
PRM-T 25 □□	110~119.99	THOS 25 074 36 5	
PRM-T 25 □□	120~129.99	THOS 25 084 36 5	NZ TP IC [CA] 16 105 2
PRM-T 25 □□	130~139.99	THOS 25 094 36 5	
PRM-T 25 □□	140~149.99	THOS 25 104 36 5	NZ TP IC [CA] 16 125 2
PRM-T 25 □□	150~159.99	THOS 25 114 36 5	
PRM-T 25 □□	160~169.99	THOS 25 124 36 5	NZ TP IC [CA] 16 145 2
PRM-T 25 □□	170~179.99	THOS 25 134 36 5	
PRM-T 25 □□	180~189.99	THOS 25 144 36 5	NZ TP IC [CA] 16 165 2
PRM-T 25 □□	190~199.99	THOS 25 154 36 5	
PRM-T 25 □□	200~209.99	THOS 25 164 36 5	NZ TP IC [CA] 16 185 2
PRM-T 25 □□	210~219.99	THOS 25 174 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM-T 25 □□	250~259.99	THOS 25 214 36 5	NZ TP IC [CA] 16 225 2

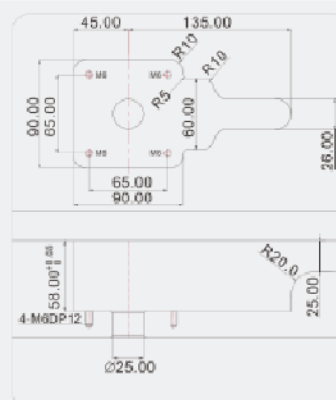
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =70mm 最长 (Max) =259.99mm 感温线型号 (Thermocouple types)：IC (J型) 或CA (K型)  
当热阻长度超过260mm时，请做两段/三段发热。

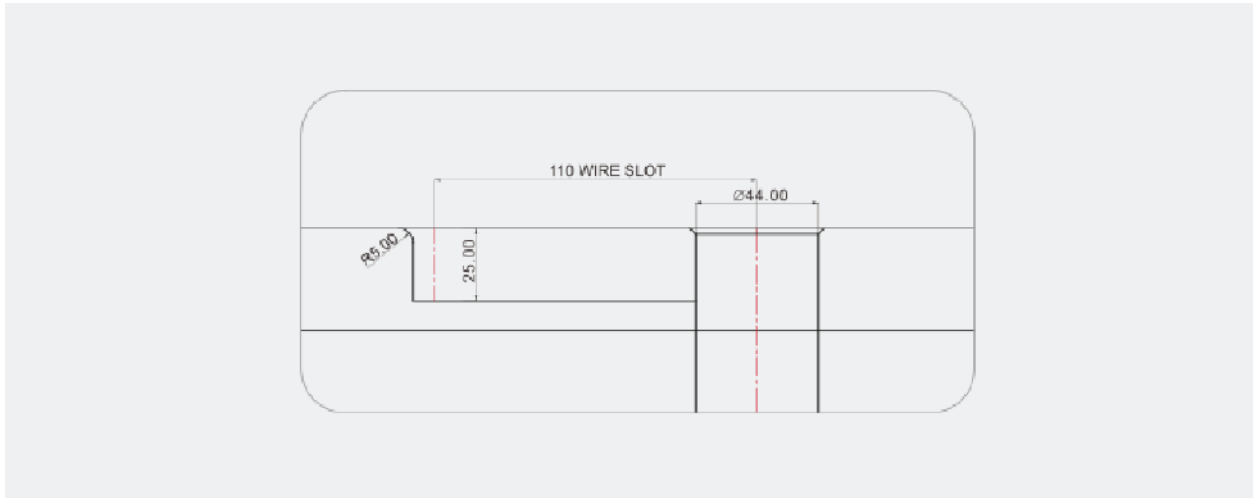
## CYLINDER PROCESS AREA

The model of cylinder rest with the size of gate or character of product,PRM-T 25 match VCP50, also can match VCP60 if any especial case.

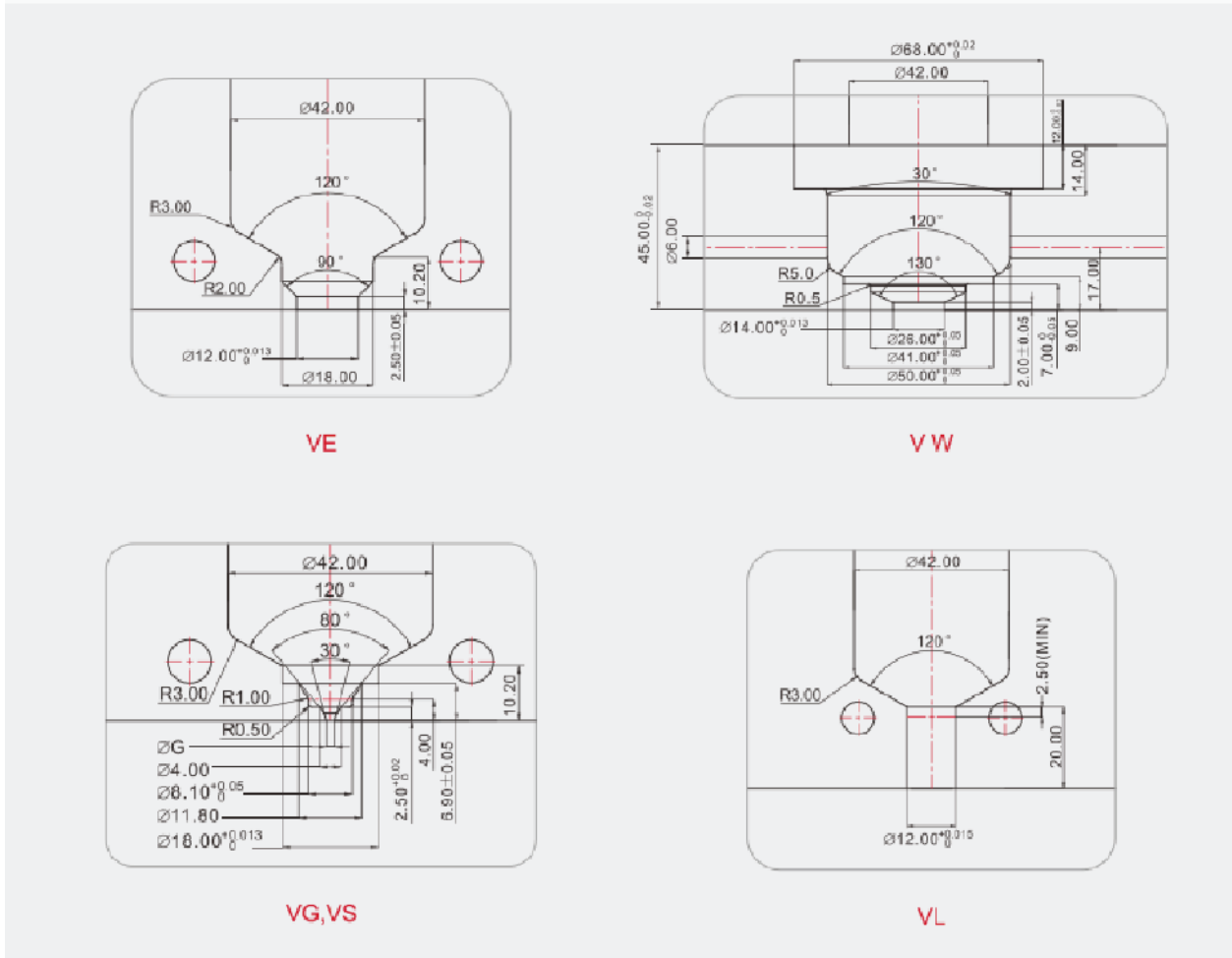
注:气缸的型号是取决于GATE的大小或产品的特性，通常PRM-T 25是取用VCP50，特殊情况时也可采用VCP60。



# PRM-T MODU Introduction(valve)



## GATE PROCESS AREA



## PRM-T 35 VALVE SYSTEM

MODEL	L	HEATER	T/C
PRM-T 35 □□	75~84.99	THOS 35 035 36 5	
PRM-T 35 □□	85~94.99	THOS 35 045 36 5	NZ TP IC [CA] 16 065 2
PRM-T 35 □□	95~104.99	THOS 35 055 36 5	
PRM-T 35 □□	105~114.99	THOS 35 065 36 5	NZ TP IC [CA] 16 085 2
PRM-T 35 □□	115~124.99	THOS 35 075 36 5	
PRM-T 35 □□	125~134.99	THOS 35 085 36 5	NZ TP IC [CA] 16 105 2
PRM-T 35 □□	135~144.99	THOS 35 095 36 5	
PRM-T 35 □□	145~154.99	THOS 35 105 36 5	NZ TP IC [CA] 16 125 2
PRM-T 35 □□	155~164.99	THOS 35 115 36 5	
PRM-T 35 □□	165~174.99	THOS 35 125 36 5	NZ TP IC [CA] 16 145 2
PRM-T 35 □□	175~184.99	THOS 35 135 36 5	
PRM-T 35 □□	185~194.99	THOS 35 145 36 5	NZ TP IC [CA] 16 165 2
PRM-T 35 □□	195~204.99	THOS 35 155 36 5	
PRM-T 35 □□	205~214.99	THOS 35 165 36 5	NZ TP IC [CA] 16 185 2
PRM-T 35 □□	215~224.99	THOS 35 175 36 5	
∫	∫	∫	∫
PRM-T 35 □□	265~274.99	THOS 35 225 36 5	NZ TP IC [CA] 16 245 2

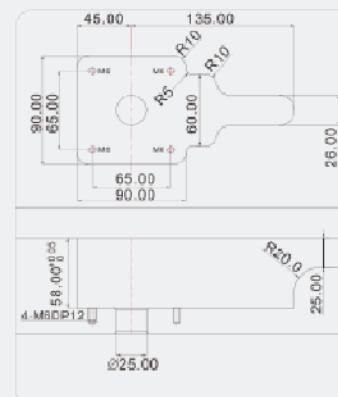
“□□”：浇口类型（GATING TYPE）

长度“L”：最短（Min）=75mm 最长（Max）=274.99mm 感温线型号（Thermocouple types）：IC（J型）或CA（K型）  
当热咀长度超过275mm时，请做两段/三段发热。

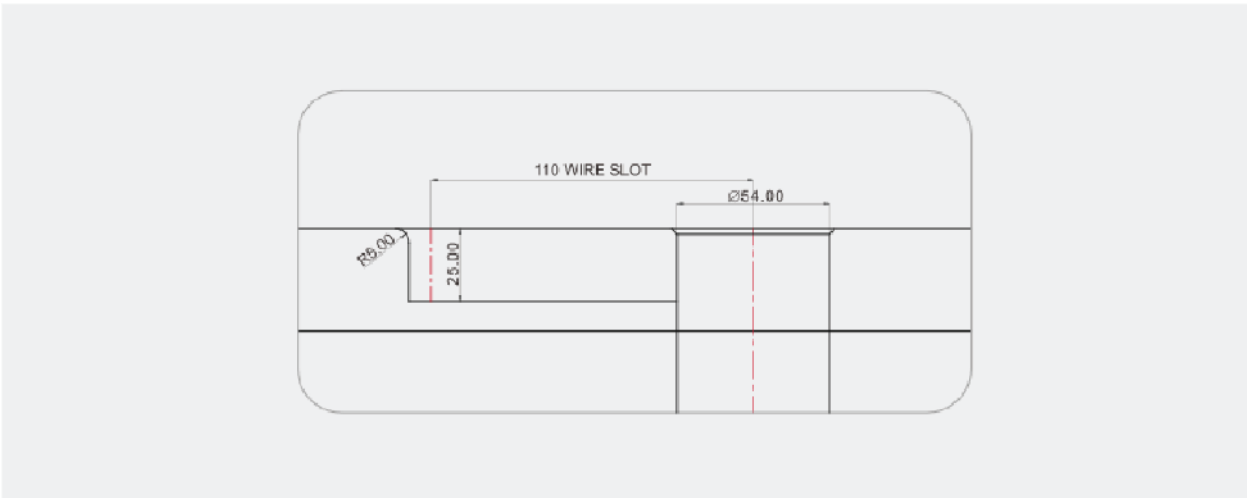
## CYLINDER PROCESS AREA

The model of cylinder rest with the size of gate or character of product, PRM-T 35 match VCP60, also can match VCP50 or VCP70 if any especial case.

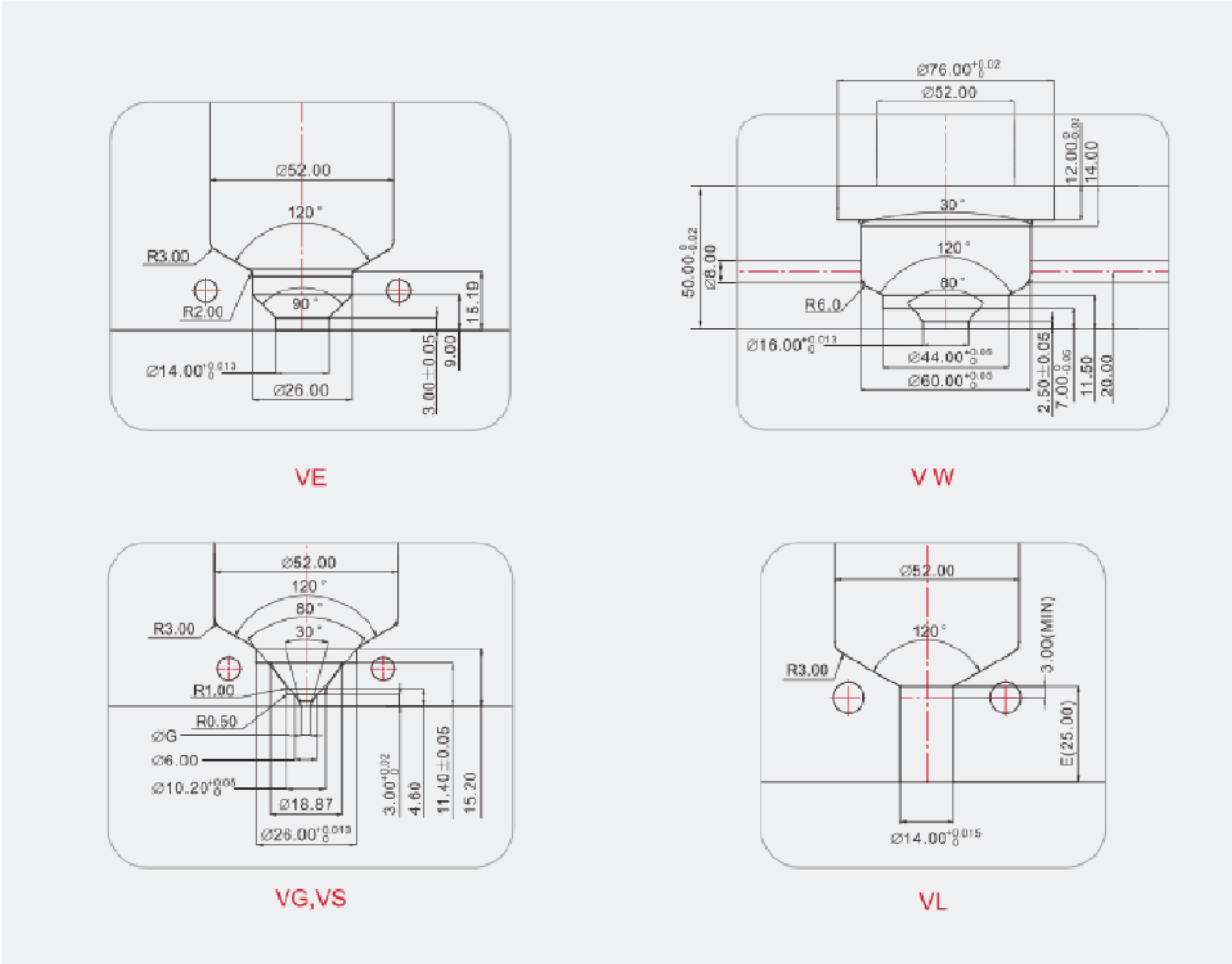
注：气缸的型号是取决于GATE的大小或产品的特性，通常PRM-T35是取用VCP60，特殊情况时也可采用VCP50或VCP70。



PRM-T MODU Introduction(valve)



GATE PROCESS AREA





PRM-T 45 VALVE SYSTEM

MODEL	L	HEATER	T/C
PRM-T 45 □□	84~93.99	THOS 45 038 36 5	NZ TP IC [CA] 16 065 2
PRM-T 45 □□	94~103.99	THOS 45 048 36 5	
PRM-T 45 □□	104~113.99	THOS 45 058 36 5	NZ TP IC [CA] 16 085 2
PRM-T 45 □□	114~123.99	THOS 45 068 36 5	
PRM-T 45 □□	124~133.99	THOS 45 078 36 5	NZ TP IC [CA] 16 105 2
PRM-T 45 □□	134~143.99	THOS 45 088 36 5	
PRM-T 45 □□	144~153.99	THOS 45 098 36 5	NZ TP IC [CA] 16 125 2
PRM-T 45 □□	154~163.99	THOS 45 108 36 5	
PRM-T 45 □□	164~173.99	THOS 45 118 36 5	NZ TP IC [CA] 16 145 2
PRM-T 45 □□	174~183.99	THOS 45 128 36 5	
PRM-T 45 □□	184~193.99	THOS 45 138 36 5	NZ TP IC [CA] 16 165 2
PRM-T 45 □□	194~203.99	THOS 45 148 36 5	
PRM-T 45 □□	204~213.99	THOS 45 158 36 5	NZ TP IC [CA] 16 185 2
PRM-T 45 □□	214~223.99	THOS 45 168 36 5	
PRM-T 45 □□	224~233.99	THOS 45 178 36 5	NZ TP IC [CA] 16 205 2
PRM-T 45 □□	234~243.99	THOS 45 188 36 5	
$\int$	$\int$	$\int$	$\int$
PRM-T 45 □□	284~293.99	THOS 45 238 36 5	NZ TP IC [CA] 16 265 2

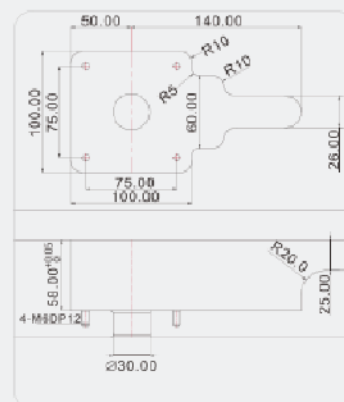
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =84mm 最长 (Max) =293.99mm 感温线型号 (Thermocouple types) : IC (J型) 或CA (K型)  
当热阻长度超过294mm时, 请做两段/三段发热。

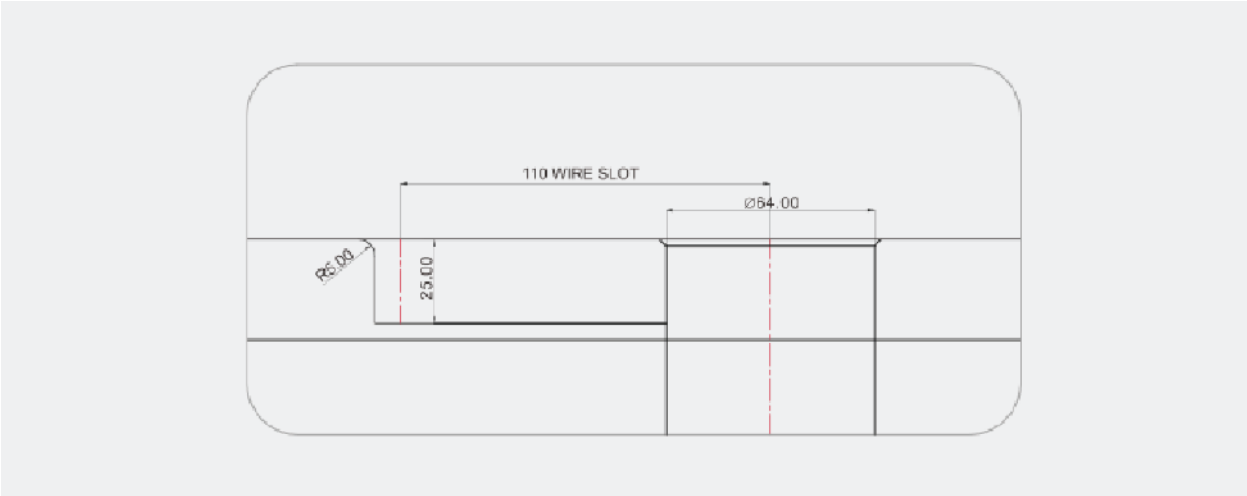
CYLINDER PROCESS AREA

The model of cylinder rest with the size of gate or character of product,PRM-T 45 match VCP70, also can match VCP80 if any especial case.

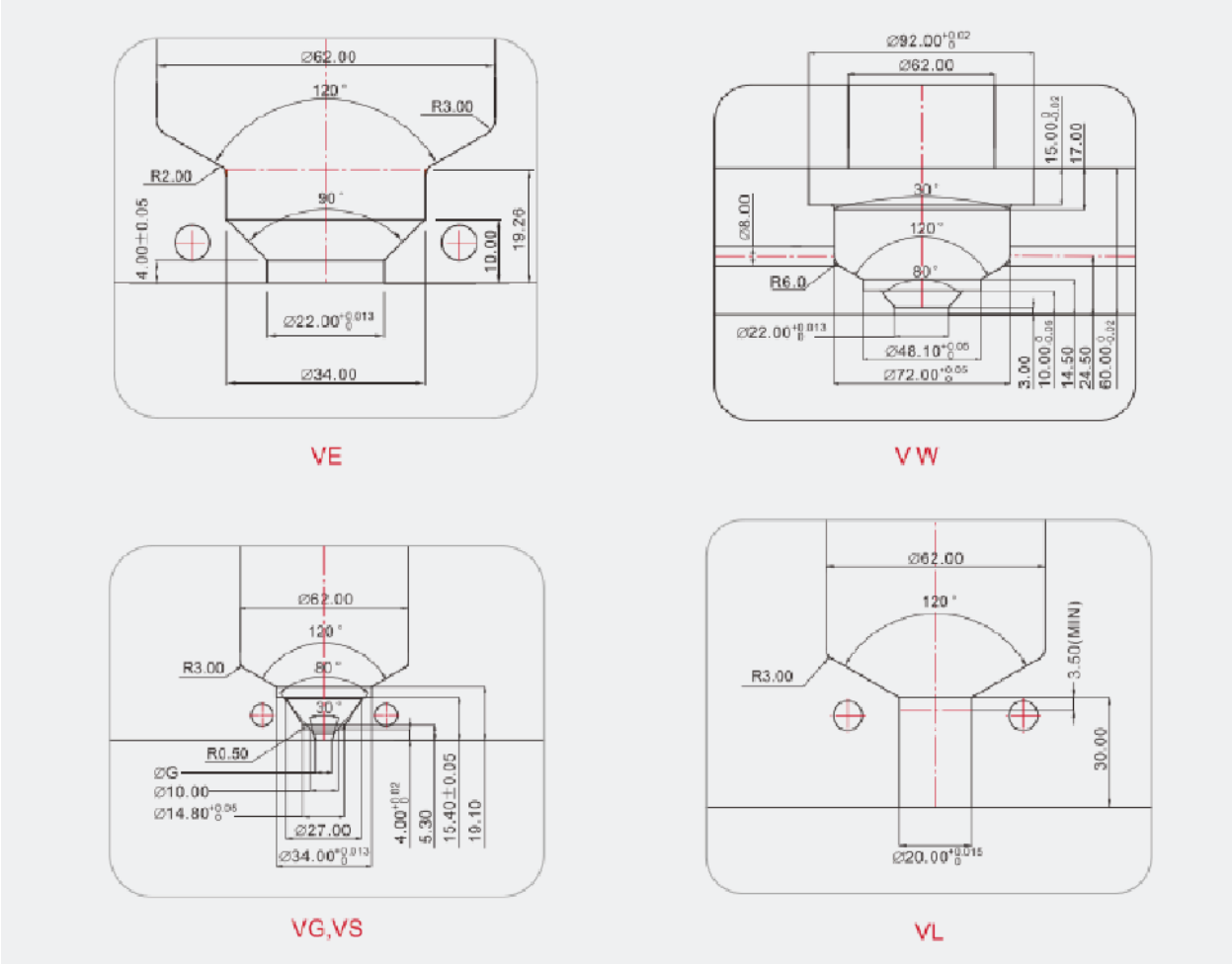
注:气缸的型号是取决于GATE的大小或产品的特性, 通常PRM-T 45是取用VCP70, 特殊情况时也可采用VCP80。



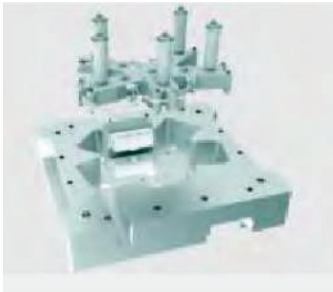
PRM-T MODU Introduction(valve)



GATE PROCESS AREA



## Assemble Steps



Pre-assemble the hot runner system. Put the whole unit into the clamping plate. Screw up the manifold and then connect the wire and connector.



Assemble the cylinder on the clamping plate. Connect the air pipe and solenoid valve.

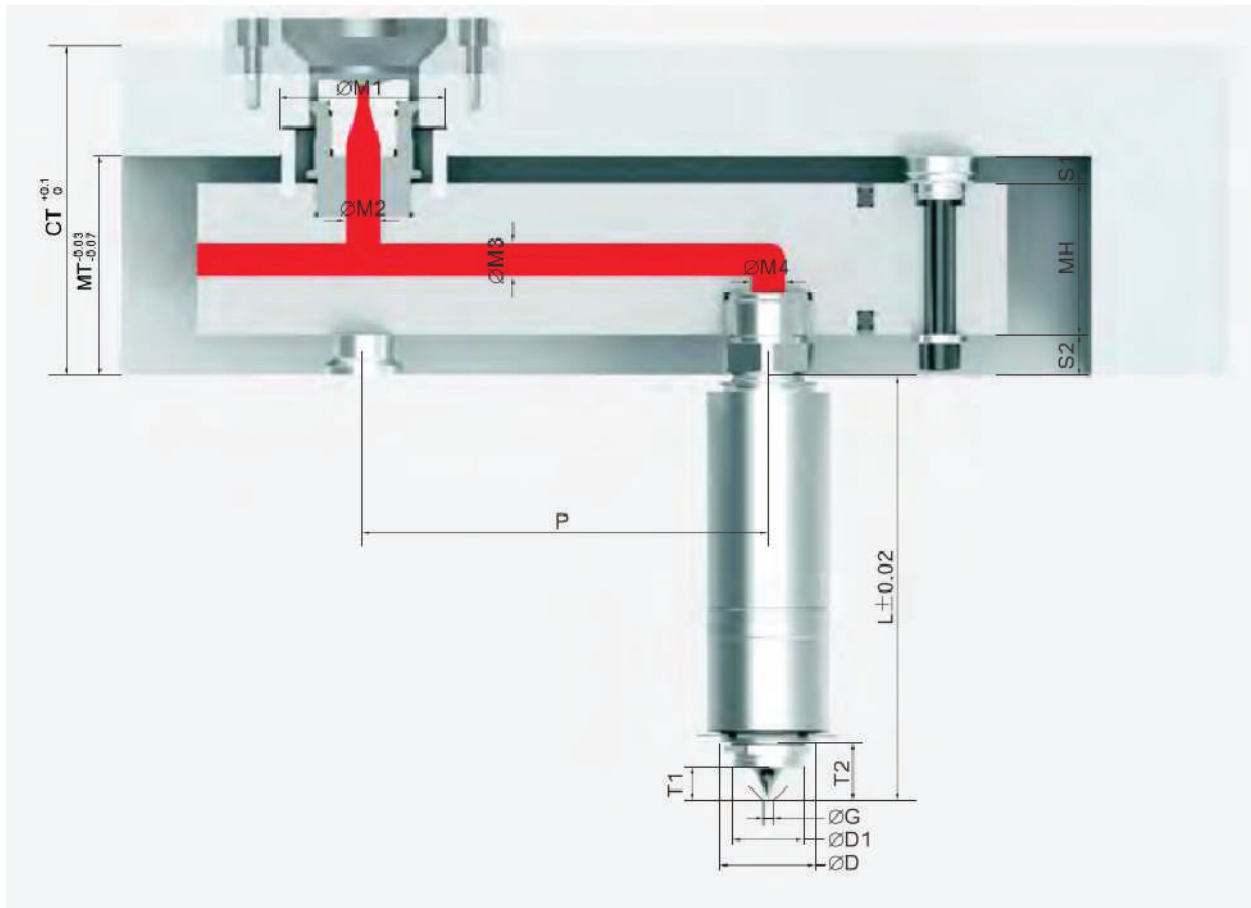


Put the clamping plate onto the cavity plate, then screw it up tightly, Put and screw up the insulation plate.



Finish the installation.

# PRM-T MODU Introduction(open)

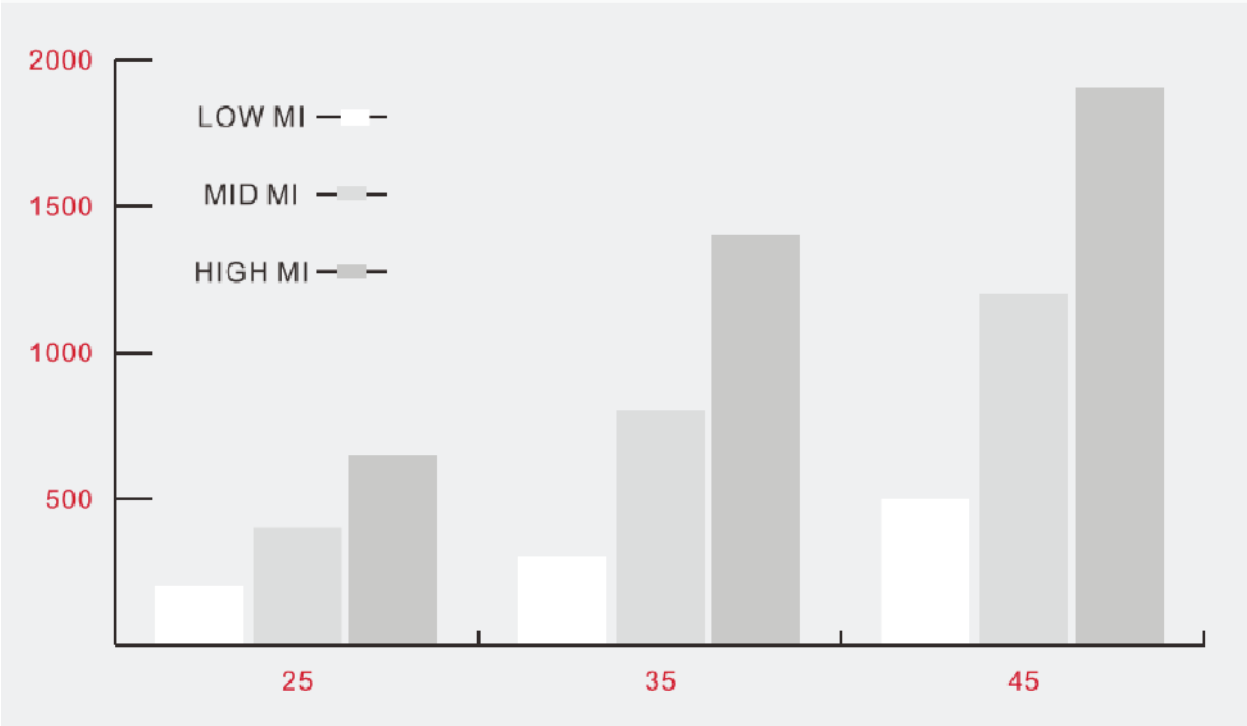


## PRM-T MODU Introduction(open)

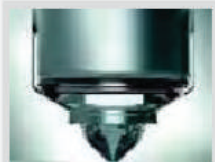
Division	PRM-T25	PRM-T35	PRM-T45	
Model Number	PRM-T-25-□□-□□□	PRM-T-35-□□-□□□	PRM-T-45-□□-□□□	
Injection Volume	UP to 650gr	UP to 1400gr	Over 1900gr	
CT	120~	120~	125~	
MT	80~	80~	85~	
MH	55	55	60	
∅M1	60	60	70	
∅M2	10	12	16	
∅M3	10	12	16	
∅M4	10	12	16	
S1	10	10	10	
S2	15	15	15	
T1	6.9	11.4	15.4	
T2	16	21	26	
L	CC,CE,CH,CW,CL,OL	70~260	75~275	84~294
	SL	60~250	60~260	65~275
∅H	44	54	64	
∅G	CC,CE,CH,CW	1.2/1.5	1.5/2.0/2.5	2.0/2.5/3.0
	CL	1.5/2.5	2.0/3.0/4.0	3.0/4.0/5.0
	SL,OL	1.5/2.0	2.0/3.0	2.0/3.0/4.0
∅D1	18	26	34	
∅D	25.15	35.15	45.15	
Tube Heater	TH OS 25□□4 36 5	TH OS 35□□5 36 5	TH OS 45□□8 36 5	
Thermocouple	NZ TP□□ 16 □□ 52	NZ TP□□ 16 □□ 52	NZ TP□□ 16 □□ 52	
备注 /Remark:L ≧ P/2				

NOZZLE SHOT DIAGRAM

PRM-T OPEN SHOT WEIGHT(g)				
		PRM-T-25	PRM-T-35	PRM-45
SHOT WEIGHT	LOW MI	200	300	500
	MID MI	400	800	1200
	HIGH MI	650	1400	1900



GATING TYPE



CCTYPE



CETYPE



CHTYPE



CLTYPE



CWTYPE



GC TYPE



OATYPE



OLTYP



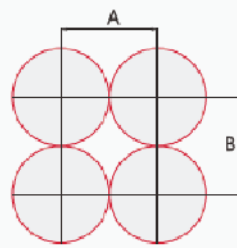
SLTYPE



TC TYPE

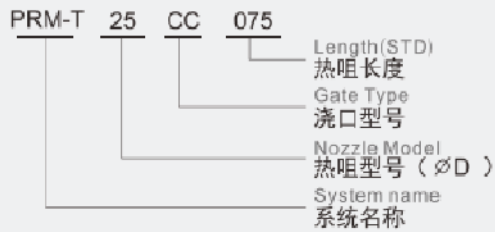
## PRM-T MODU Introduction(open)

Types	Gate minimum space(A/B) unit:mm
	Open Square
PRM-T25	48/48
PRM-T35	60/60
PRM-T45	70/70

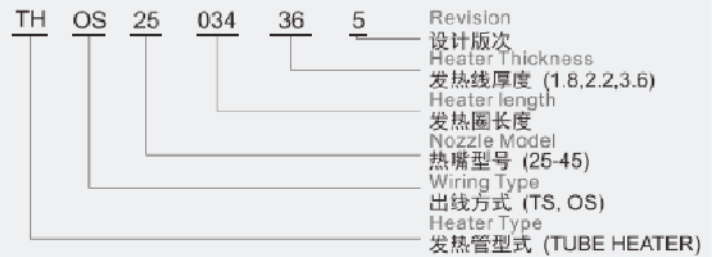


Square Space Between

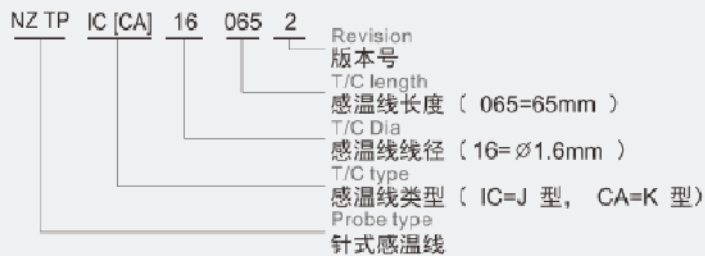
### ■ How to read Nozzle Model



### ■ How to read Heater Code



### ■ How to read Thermocouple Code





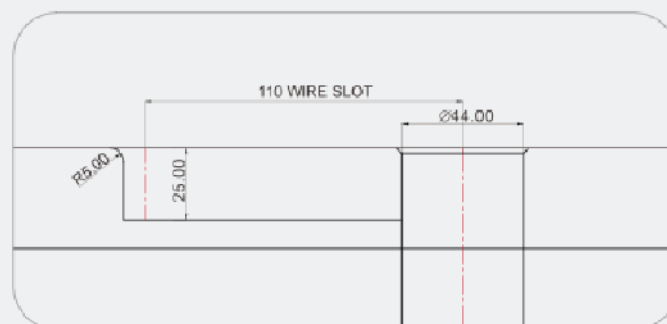
## PRM-T 25 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM-T 25 □□	70~79.99	THOS 25 034 36 5	
PRM-T 25 □□	80~89.99	THOS 25 044 36 5	NZ TP IC [CA] 16 065 2
PRM-T 25 □□	90~99.99	THOS 25 054 36 5	
PRM-T 25 □□	100~109.99	THOS 25 064 36 5	
PRM-T 25 □□	110~119.99	THOS 25 074 36 5	NZ TP IC [CA] 16 085 2
PRM-T 25 □□	120~129.99	THOS 25 084 36 5	
PRM-T 25 □□	130~139.99	THOS 25 094 36 5	NZ TP IC [CA] 16 105 2
PRM-T 25 □□	140~149.99	THOS 25 104 36 5	
PRM-T 25 □□	150~159.99	THOS 25 114 36 5	NZ TP IC [CA] 16 125 2
PRM-T 25 □□	160~169.99	THOS 25 124 36 5	
PRM-T 25 □□	170~179.99	THOS 25 134 36 5	NZ TP IC [CA] 16 145 2
PRM-T 25 □□	180~189.99	THOS 25 144 36 5	
PRM-T 25 □□	190~199.99	THOS 25 154 36 5	NZ TP IC [CA] 16 165 2
PRM-T 25 □□	200~209.99	THOS 25 164 36 5	
PRM-T 25 □□	210~219.99	THOS 25 174 36 5	NZ TP IC [CA] 16 185 2
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM-T 25 □□	250~259.99	THOS 25 214 36 5	NZ TP IC [CA] 16 225 2

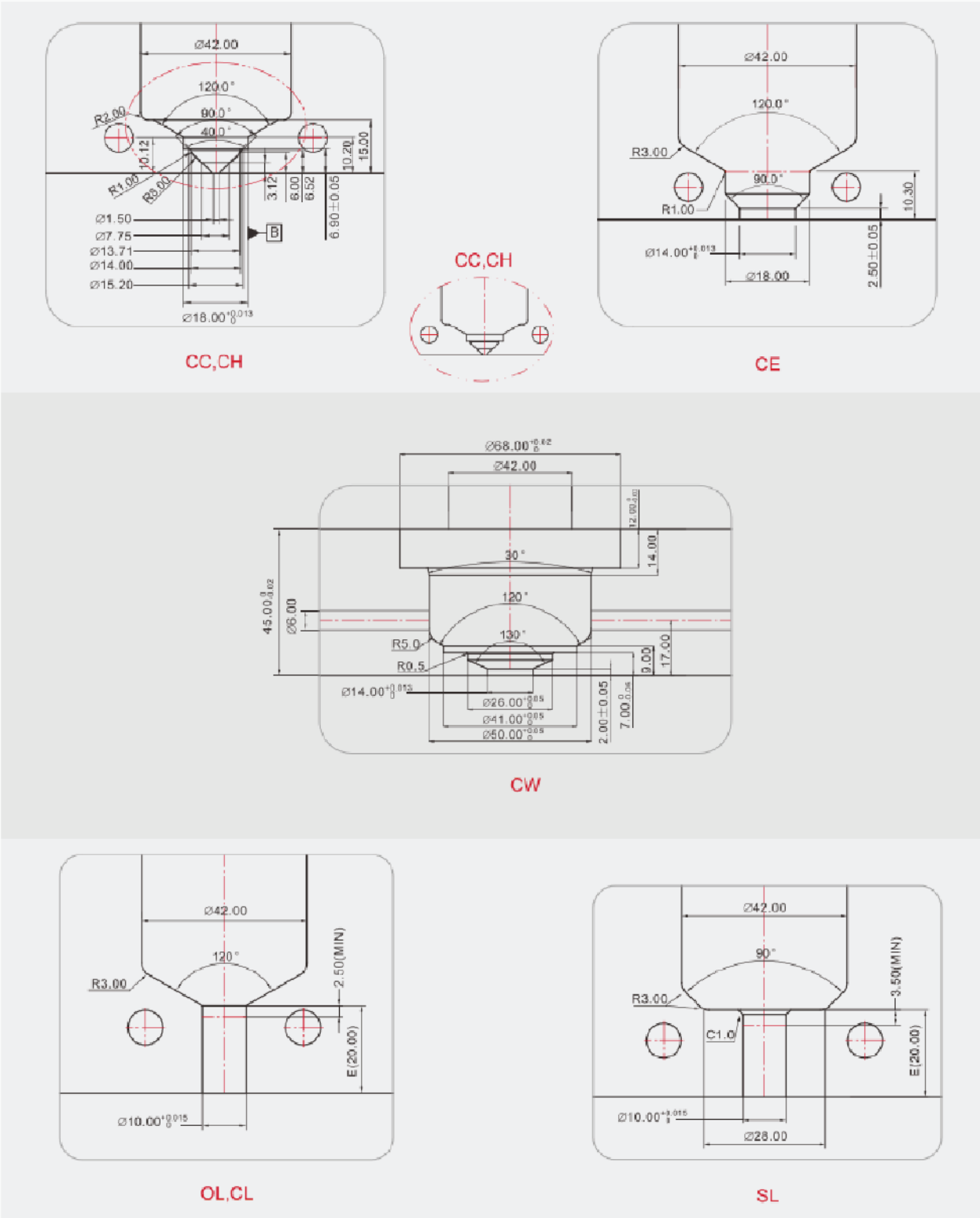
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) = 70mm 最长 (Max) = 259.99mm 感温线型号 (Thermocouple types)：IC (J型) 或 CA (K型)  
当热阻长度超过260mm时，请做两段/三段发热。

## FLANGE PROCESS AREA



GATE PROCESS AREA



## PRM-T 35 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM-T 35 □□	75~84.99	THOS 35 035 36 5	
PRM-T 35 □□	85~94.99	THOS 35 045 36 5	NZ TP IC [CA] 16 065 2
PRM-T 35 □□	95~104.99	THOS 35 055 36 5	
PRM-T 35 □□	105~114.99	THOS 35 065 36 5	NZ TP IC [CA] 16 085 2
PRM-T 35 □□	115~124.99	THOS 35 075 36 5	
PRM-T 35 □□	125~134.99	THOS 35 085 36 5	NZ TP IC [CA] 16 105 2
PRM-T 35 □□	135~144.99	THOS 35 095 36 5	
PRM-T 35 □□	145~154.99	THOS 35 105 36 5	NZ TP IC [CA] 16 125 2
PRM-T 35 □□	155~164.99	THOS 35 115 36 5	
PRM-T 35 □□	165~174.99	THOS 35 125 36 5	NZ TP IC [CA] 16 145 2
PRM-T 35 □□	175~184.99	THOS 35 135 36 5	
PRM-T 35 □□	185~194.99	THOS 35 145 36 5	NZ TP IC [CA] 16 165 2
PRM-T 35 □□	195~204.99	THOS 35 155 36 5	
PRM-T 35 □□	205~214.99	THOS 35 165 36 5	NZ TP IC [CA] 16 185 2
PRM-T 35 □□	215~224.99	THOS 35 175 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM-T 35 □□	265~274.99	THOS 35 225 36 5	NZ TP IC [CA] 16 245 2

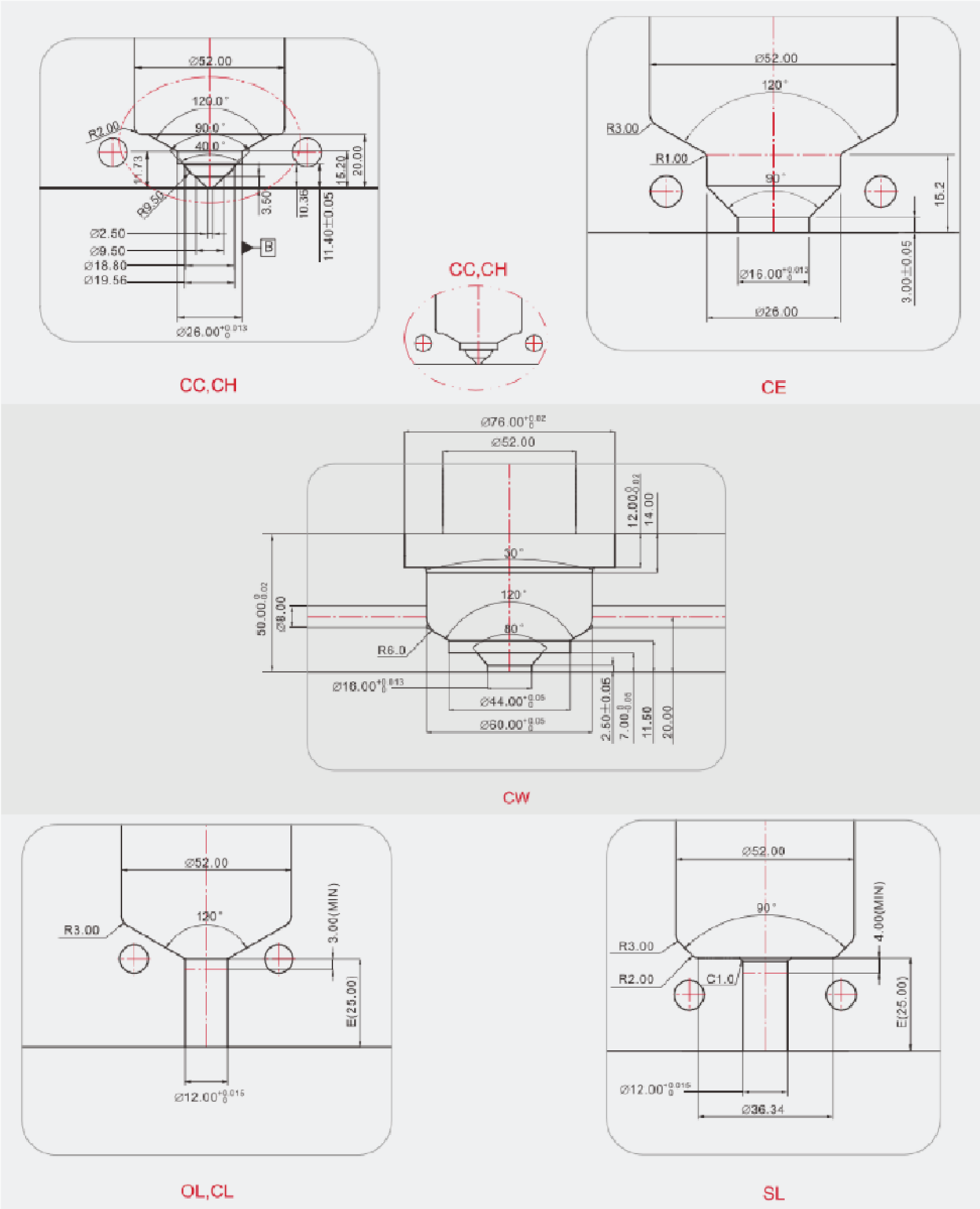
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =75mm 最长 (Max) =274.99mm 感温线型号 (Thermocouple types)：IC (J型) 或CA (K型)  
当热阻长度超过275mm时，请做两段/三段发热。

## FLANGE PROCESS AREA



GATE PROCESS AREA



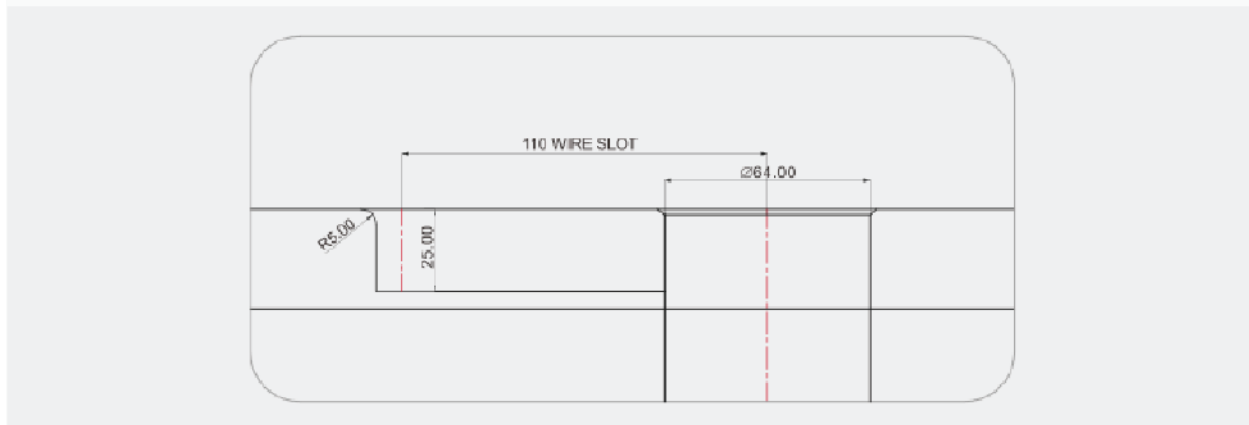
## PRM-T 45 OPEN SYSTEM

MODEL	L	HEATER	T/C
PRM-T 45 □□	84~93.99	THOS 45 038 36 5	NZ TP IC [CA] 16 065 2
PRM-T 45 □□	94~103.99	THOS 45 048 36 5	
PRM-T 45 □□	104~113.99	THOS 45 058 36 5	NZ TP IC [CA] 16 085 2
PRM-T 45 □□	114~123.99	THOS 45 068 36 5	
PRM-T 45 □□	124~133.99	THOS 45 078 36 5	NZ TP IC [CA] 16 105 2
PRM-T 45 □□	134~143.99	THOS 45 088 36 5	
PRM-T 45 □□	144~153.99	THOS 45 098 36 5	NZ TP IC [CA] 16 125 2
PRM-T 45 □□	154~163.99	THOS 45 108 36 5	
PRM-T 45 □□	164~173.99	THOS 45 118 36 5	NZ TP IC [CA] 16 145 2
PRM-T 45 □□	174~183.99	THOS 45 128 36 5	
PRM-T 45 □□	184~193.99	THOS 45 138 36 5	NZ TP IC [CA] 16 165 2
PRM-T 45 □□	194~203.99	THOS 45 148 36 5	
PRM-T 45 □□	204~213.99	THOS 45 158 36 5	NZ TP IC [CA] 16 185 2
PRM-T 45 □□	214~223.99	THOS 45 168 36 5	
PRM-T 45 □□	224~233.99	THOS 45 178 36 5	NZ TP IC [CA] 16 205 2
PRM-T 45 □□	234~243.99	THOS 45 188 36 5	
<i>f</i>	<i>f</i>	<i>f</i>	<i>f</i>
PRM-T 45 □□	284~293.99	THOS 45 238 36 5	NZ TP IC [CA] 16 265 2

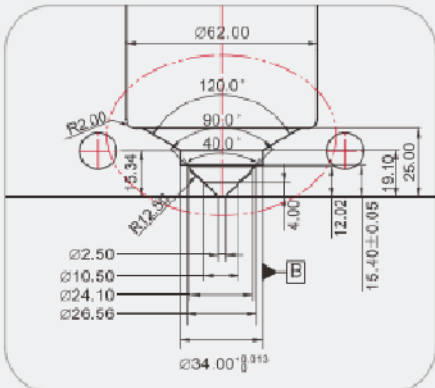
“□□”：浇口类型 (GATING TYPE)

长度“L”：最短 (Min) =84mm 最长 (Max) =293.99mm 感温线型号 (Thermocouple types)：IC (J型) 或CA (K型)  
当热咀长度超过294mm时，请做两段/三段发热。

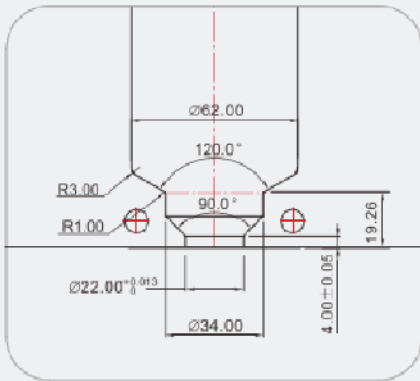
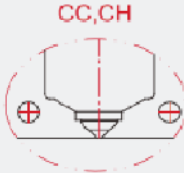
## FLANGE PROCESS AREA



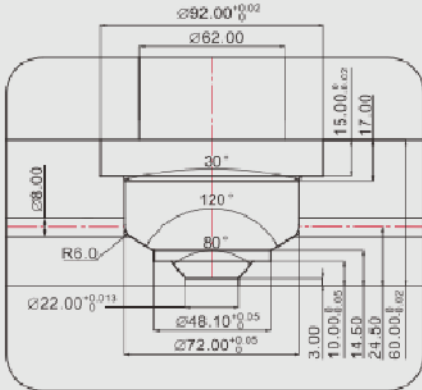
GATE PROCESS AREA



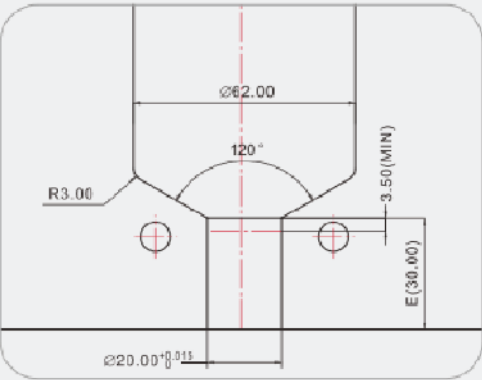
CC,CH



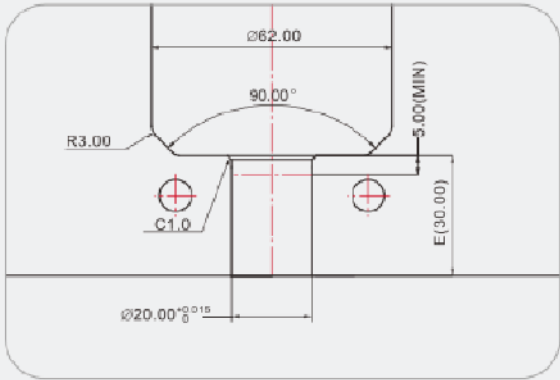
CE



CW

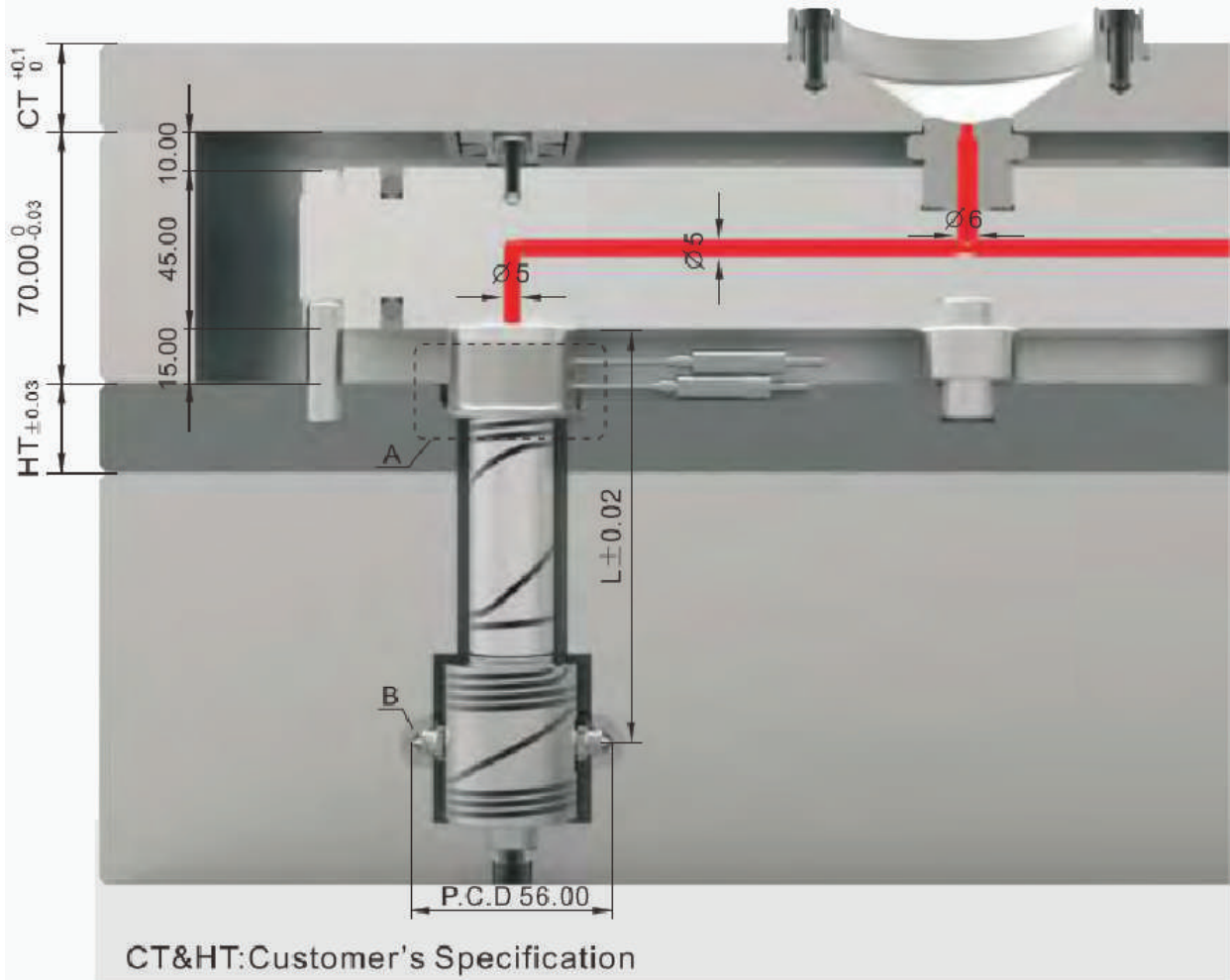


OL,CL



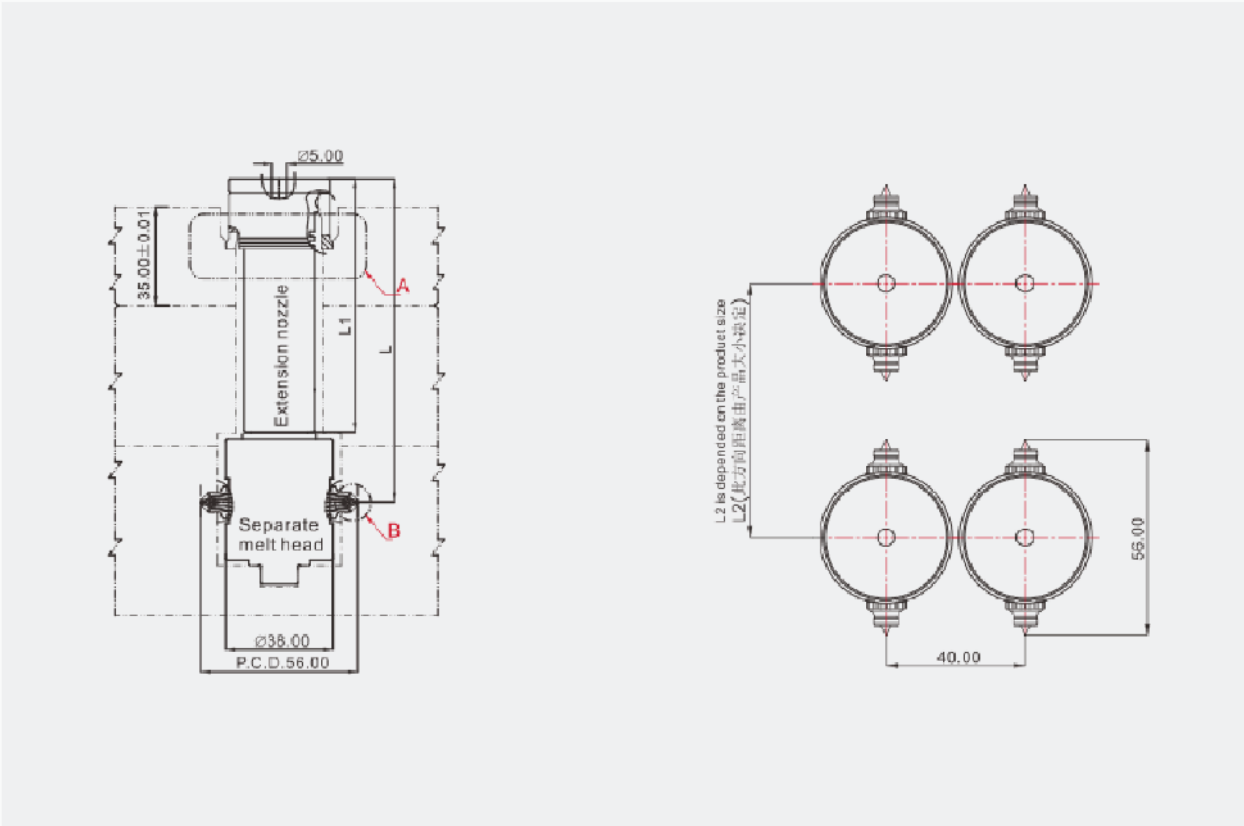
SL

SGS System Introduction

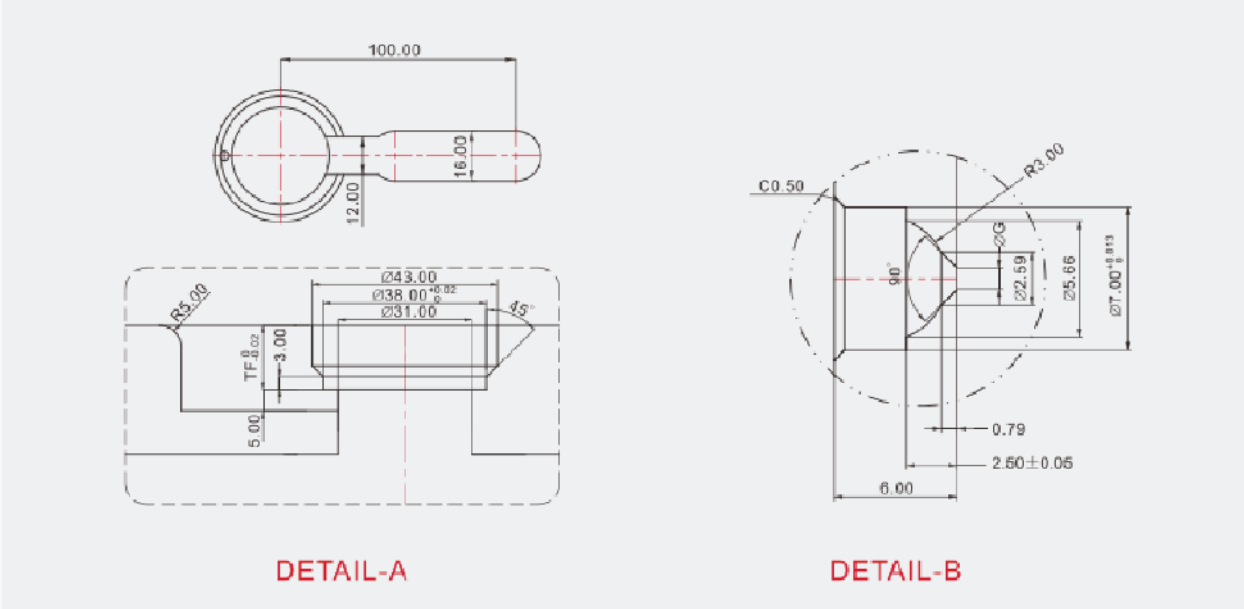


NOZZLE DIMENSIONS 热嘴尺寸				Unit:mm
MODEL	L	L1	Gate	
SGS02OP56070	75	50	0.6/0.8/1.0	
SGS02OP56110	115	90	0.6/0.8/1.0	
SGS02OP56150	155	130	0.6/0.8/1.0	

NOZZLE SECTION

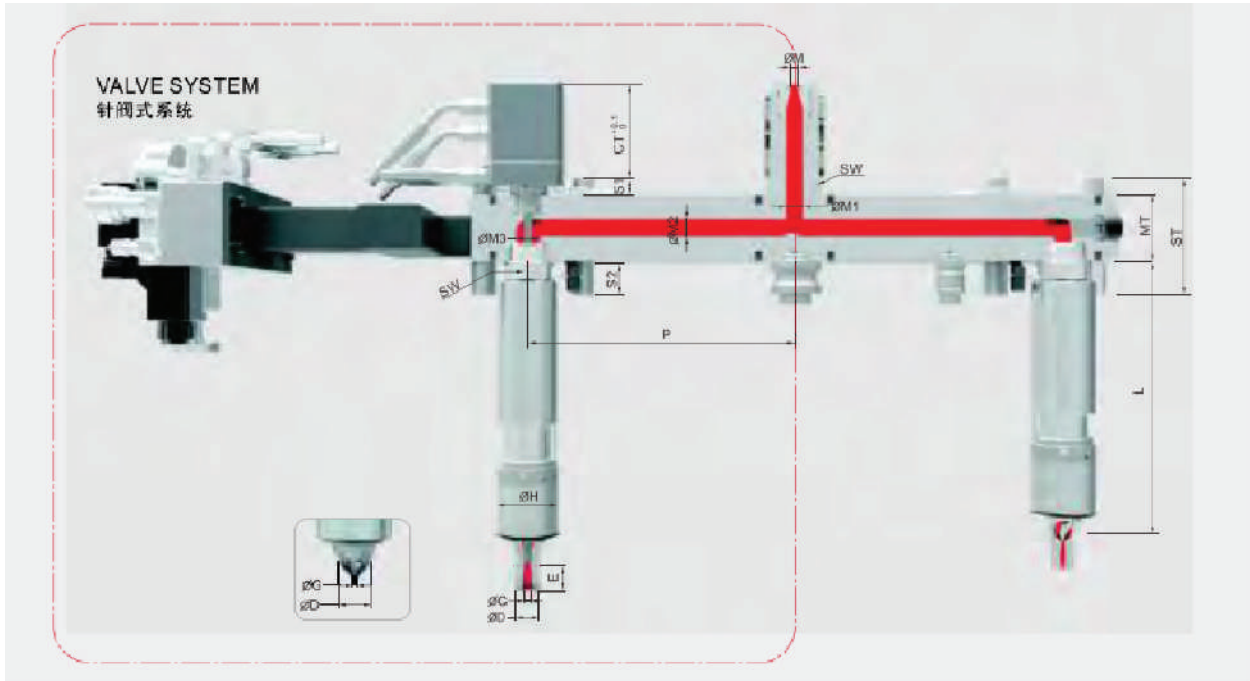


MOLD POCKET





EMS System Introduction



VALVE SYSTEM

Division		EMS25	EMS35	EMS41
Model Number		EMS-25-□□-□□□	EMS-35-□□-□□□□	EMS-41-□□-□□□□
Injection Volume		Up to 150 gr	Up to 450 gr	Up to 800 gr
CT		70	70	70
ST		105	105	110
MT		55	55	60
ØM		6	8	10
ØM1		10	12	16
ØM2		10	12	16
ØM3		10	12	18/22
S1		20	20	20
S2		30	30	30
SW		26	36	42
E		22.5	25	25
L		70~	80~	90~
ØD	W	18	26	25
	VE,VL	14	16	22
ØG		1.5/2.0/2.5	2.5/3.0/4.0	4.0/5.0/6.0/7.0
ØH		44	54	60
备注/Remark: L>P/2				

GATING TYPE



EMS25 / 35



VV TYPE



VS TYPE



VE TYPE



VG TYPE



VL TYPE

EMS41



VV TYPE



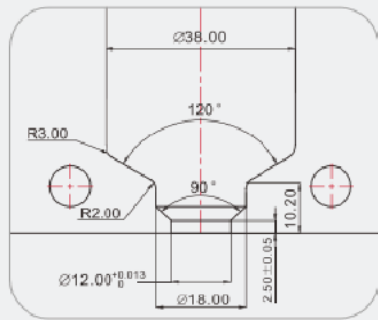
VE TYPE



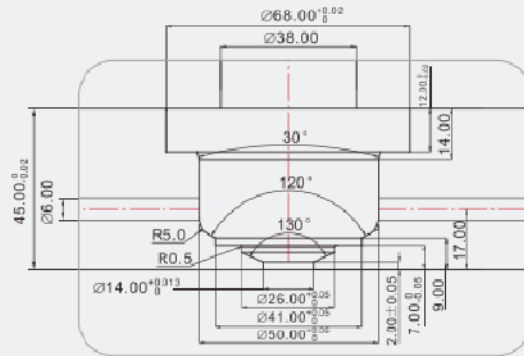
VL TYPE

# Valve System Introduction

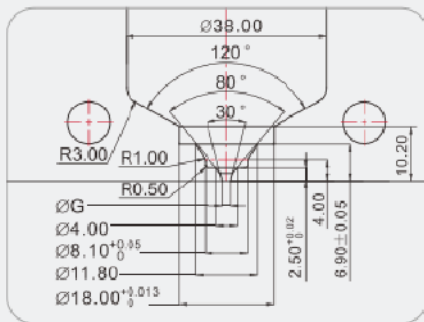
## EMS25 (GATE PROCESS AREA)



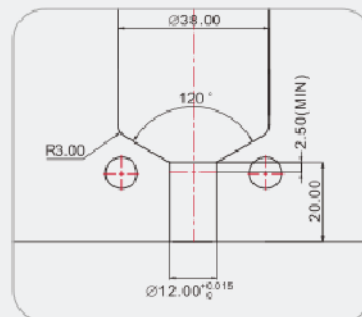
VE



VW



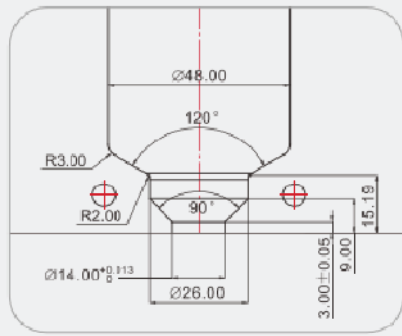
VG,VS



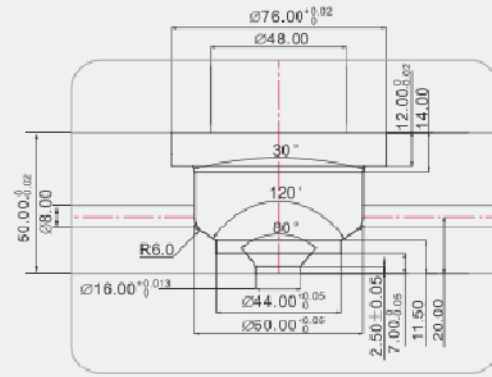
VL

# Valve System Introduction

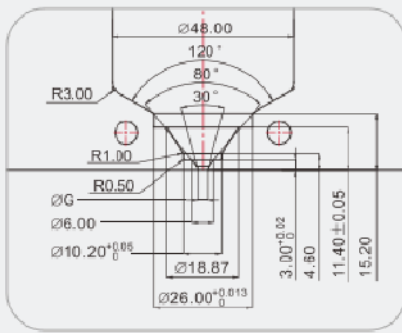
## EMS35 (GATE PROCESS AREA)



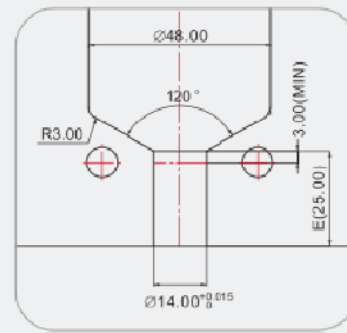
VE



VW

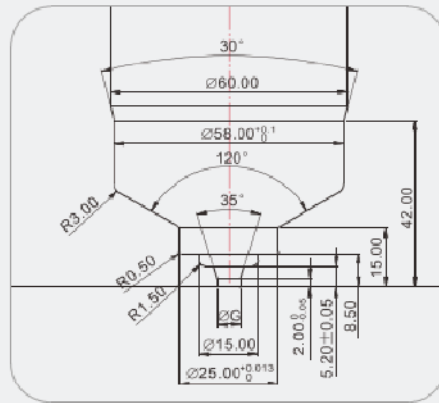


VG,VS

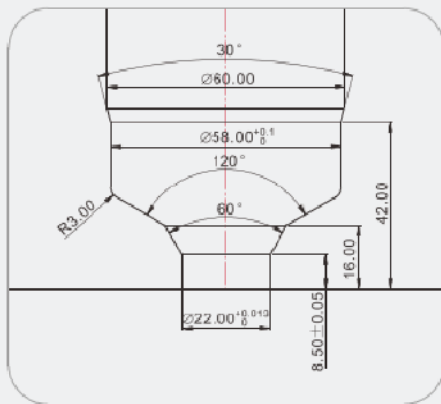


VL

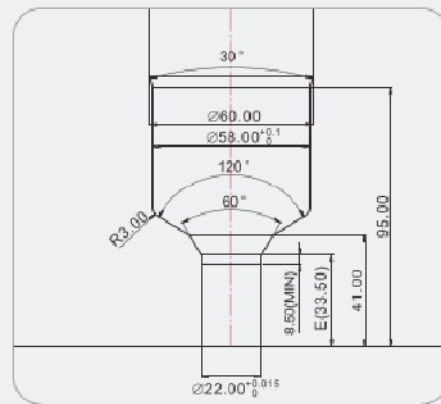
EMS41 (GATE PROCESS AREA)



WV

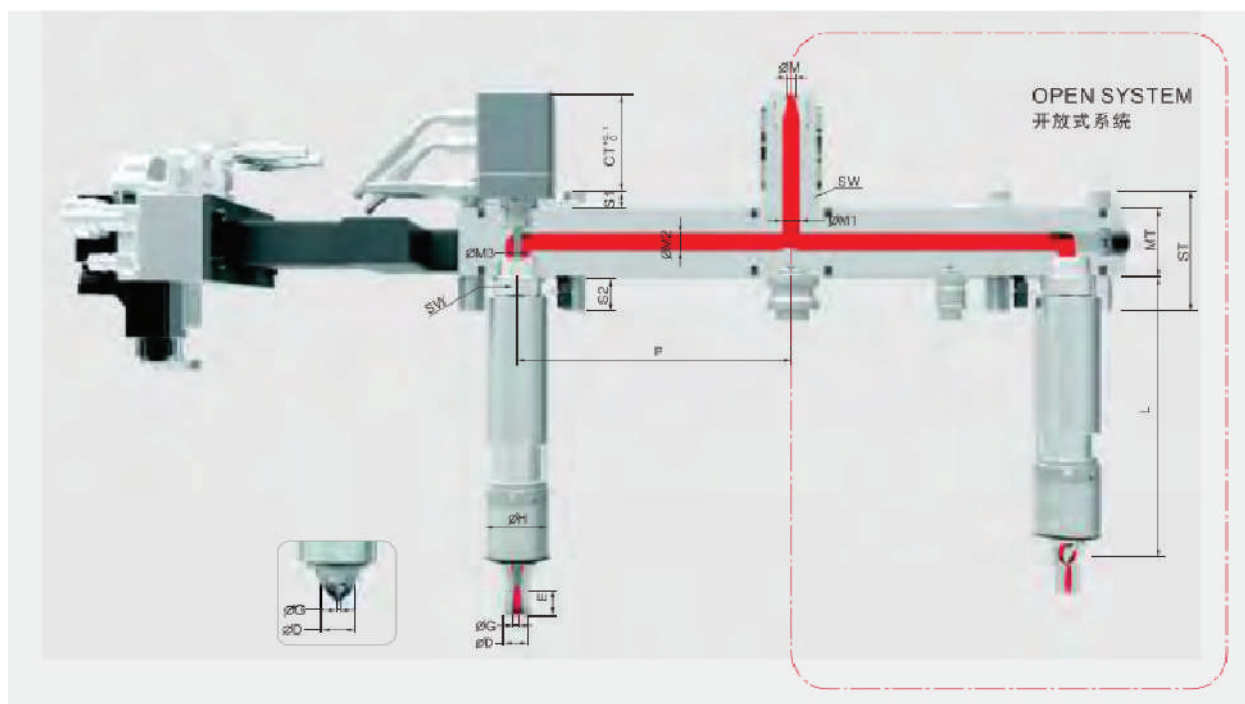


VE



VL

## EMS System Introduction



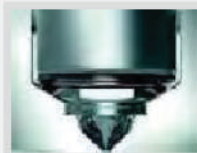
### OPEN SYSTEM

Division	EMS25	EMS35	EMS41	
Model Number	EMS-25-□□-□□□□	EMS-35-□□-□□□□	EMS-41-□□-□□□□	
Injection Volume	Up to 200 gr	Up to 800 gr	Up to 1200 gr	
CT	Customer's Specification			
ST	105	105	110	
MT	55	55	60	
ØM	4	6	8	
ØM1	10	12	16	
ØM2	10	12	16	
ØM3	10	12	16	
S1	20	20	20	
S2	30	30	30	
SW	26	36	42	
E	20	25	25	
L	70~	80~	90~	
ØD	CC, CH	18	26	25
	CE	14	16	22
	CL, SL, OL	14	16	22
ØG	CC, CH, CE	1.2/1.5	1.5/2.0/2.5	2.0/2.5/3.0
	CL	1.5/2.5	2.0/3.0/4.0	3.0/4.0/5.0
	SL, OL	1.5/2.0	2.0/3.0	2.0/3.0/4.0
ØH	44	54	60	
备注/Remark: L ≥ P/2				

GATING TYPE



EMS25 / 35



CCTYPE



CETYPE



CHTYPE



CLTYPE



CWTYPE



GC TYPE



OATYPE



OLTYPE



SLTYPE



TC TYPE

EMS41



CCTYPE

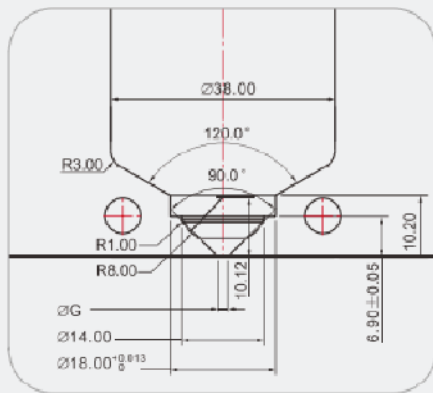


CETYPE

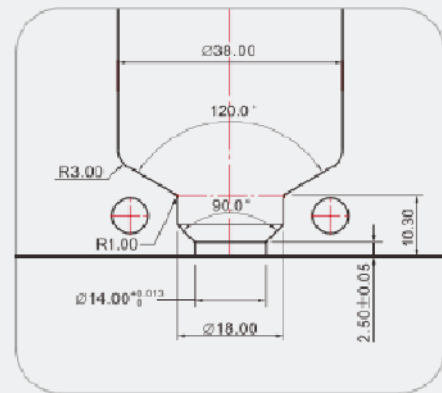


CLTYPE

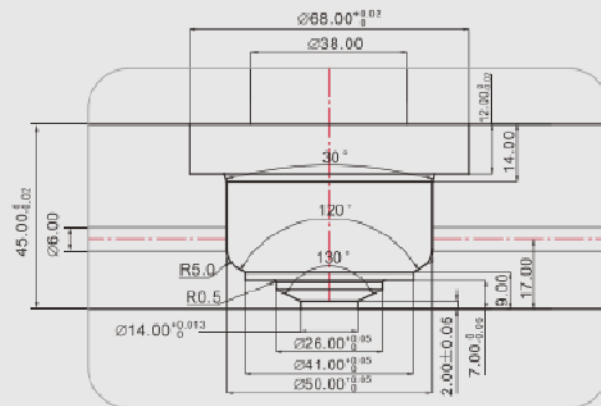
EMS25 (GATE PROCESS AREA)



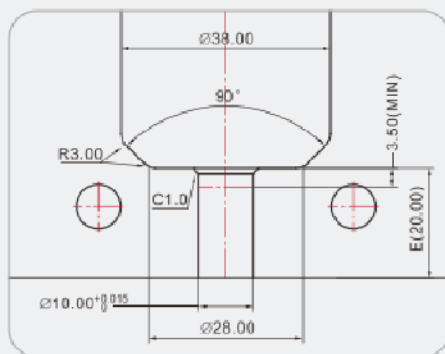
CC,CH



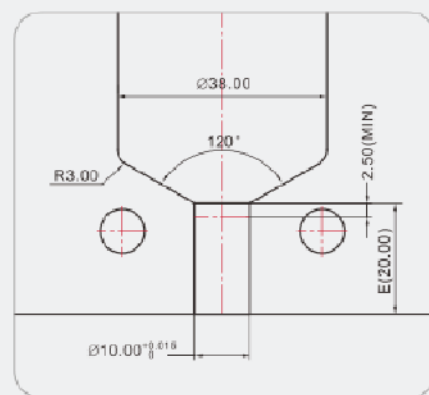
CE



CW



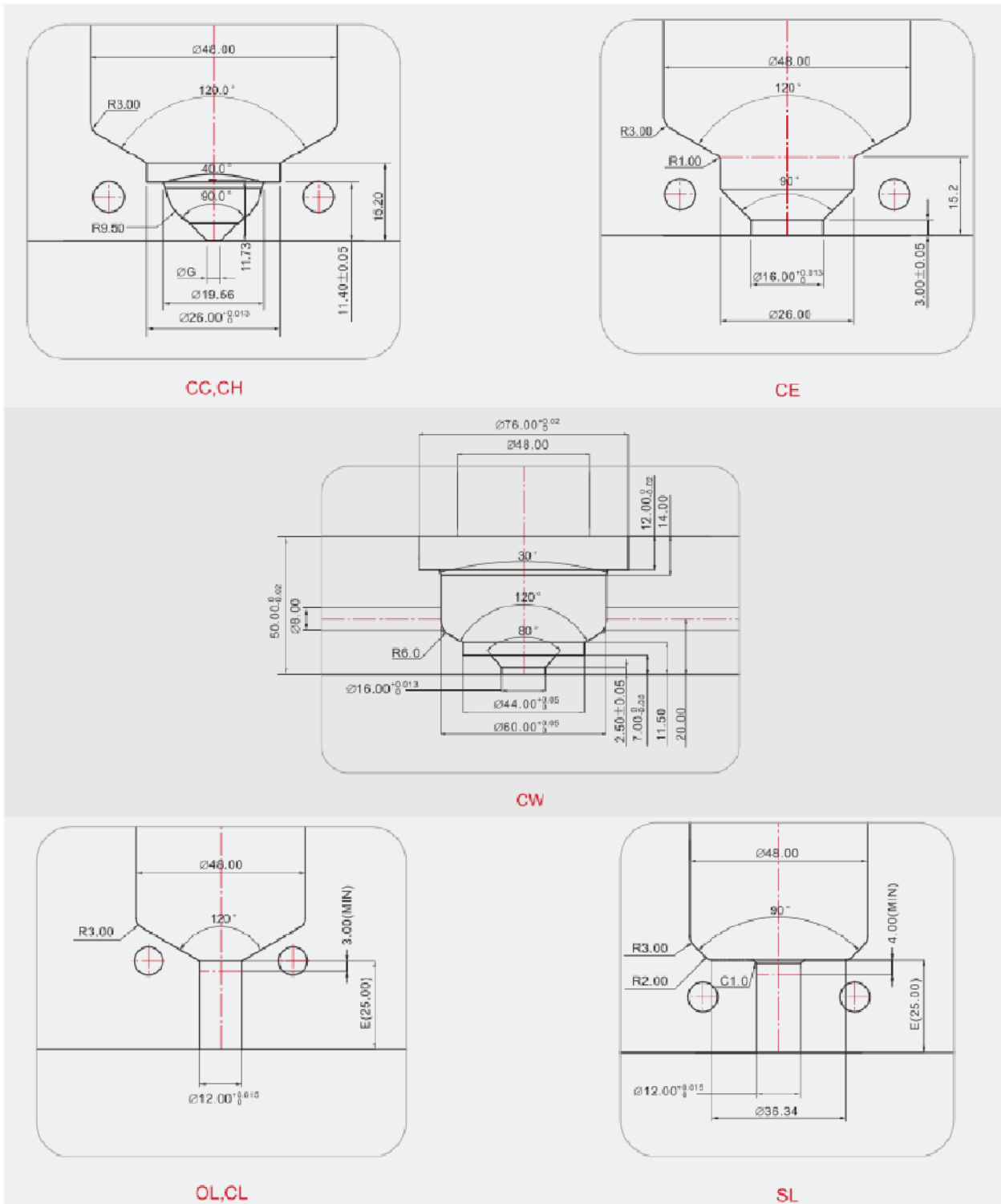
SL



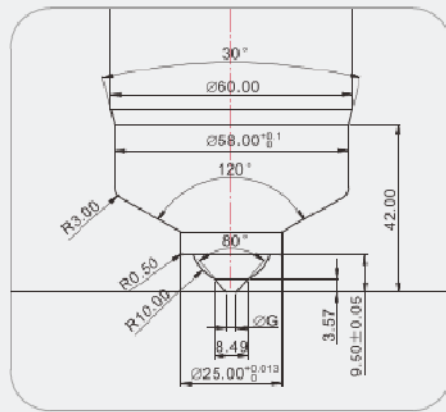
OL,CL



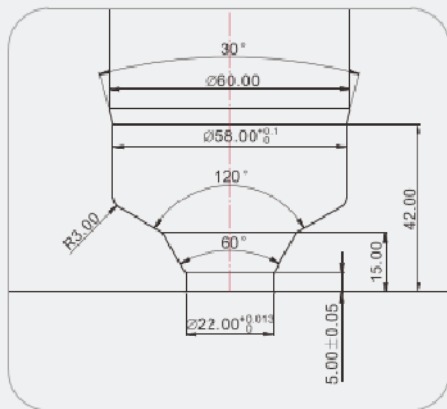
EMS35 (GATE PROCESS AREA)



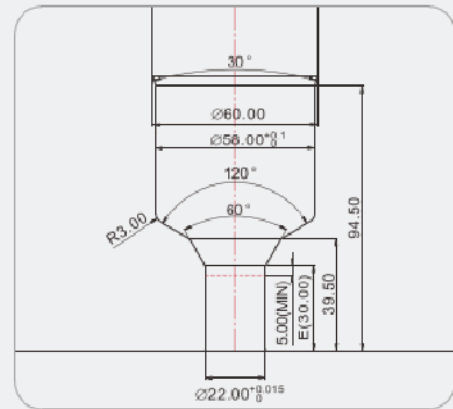
EMS41 (GATE PROCESS AREA)



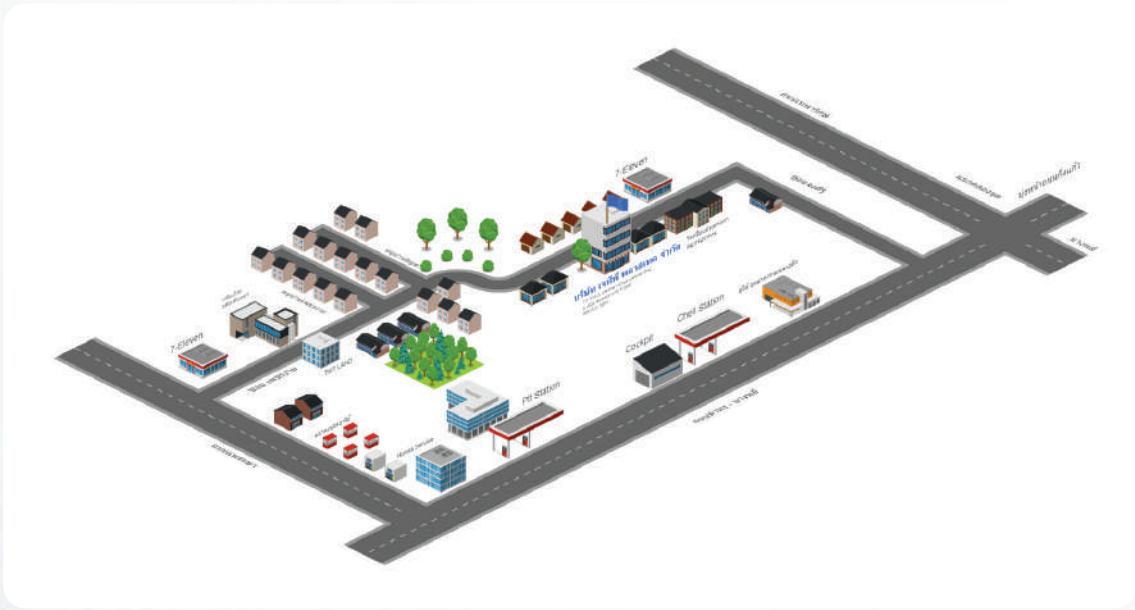
CC



CE



CL



## Location

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A. Muang, Samutprakarn, 10280  
Thailand (Head Office)

Taxpayer Identification No.  
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: 064-023 3264 Office  
E-Mail : sales@jtp.co.th

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77/118 หมู่ที่ 5 ถ.พหลโยธิน  
ต.พหลโยธิน อ.เมือง  
จ.สมุทรปราการ 10280

เลขประจำตัวผู้เสียภาษีอากร  
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## Social Media



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