

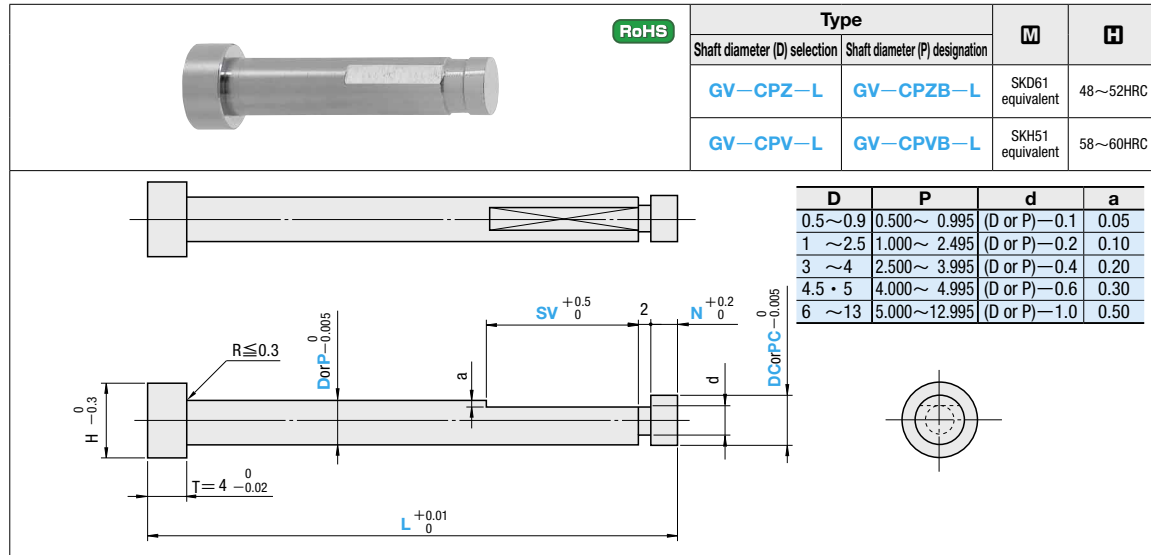
SKD61 equivalent
SKH51 equivalent

PRECISION GAS RELEASE STRAIGHT CORE PINS

—SHAFT DIAMETER (D) SELECTION / (P) 0.005mm DESIGNATION TYPE—



Ⓜ Non JIS material definition is listed on P.1351 - 1352



Type		M	H
Shaft diameter (D) selection	Shaft diameter (P) designation		
GV-CPZ-L	GV-CPZB-L	SKD61 equivalent	48~52HRC
GV-CPV-L	GV-CPVB-L	SKH51 equivalent	58~60HRC

D	P	d	a
0.5~0.9	0.500~0.995	(D or P)-0.1	0.05
1~2.5	1.000~2.495	(D or P)-0.2	0.10
3~4	2.500~3.995	(D or P)-0.4	0.20
4.5~5	4.000~4.995	(D or P)-0.6	0.30
6~13	5.000~12.995	(D or P)-1.0	0.50

Shaft diameter (D) selection type

H	Part Number		L 0.01mm increments	DC 0.005mm increments	N 0.1mm increments	SV 0.5mm increments
	Type	D				
2	GV-CPV-L	0.5	15.00~60.00			
3	GV-CPZ-L GV-CPV-L	0.6	15.00~100.00		0.3~10.0	2.0~50.0
		0.7				
		0.8				
		0.9				
		1				
		1.2				
4		2				
5		2.5				
6		3				
7		3.5				
8		4				
9		4.5				
10		5	15.00~120.00			
11		6				
15		7				
18		8				
		10				
		13				

$(D-0.08) \leq DC \leq D$
Ⓜ When DC=D, designation of DCX.

$$L - (2 + SV + N) \geq 10$$

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Shaft diameter (P) designation type

H	Part Number		L 0.01mm increments	P 0.005mm increments	PC 0.005mm increments	N 0.1mm increments	SV 0.5mm increments
	Type	No.					
3	GV-CPVB-L GV-CPZB-L	0.6	15.00~100.00	0.500~0.595		0.3~10.0	2.0~50.0
		1					
		1.5					
		2					
		2.5					
		3					
4		2					
5		2.5					
6		3					
7		3.5					
8		4					
9		4.5					
10		5	15.00~120.00				
11		6					
15		7					
18		8					
		10					
		13					

$(P-0.08) \leq PC \leq P$
Ⓜ When PC=P, designation of PCX.

$$L - (2 + SV + N) \geq 10$$



Price

Quotation



Alterations

Part Number — L — P — DC(DCX) · PC(PCX) — N — SV(SVC) — (KC · WKC...etc.)
GV-CPV-L3 — 18.36 — — DC2.990 — N2 — SVC — WKC1.5
GV-CPZB-L1 — 20.05 — P0.995 — PCX — N2 — SV4 — TRN

Alteration details P.395

Alterations	Code	Spec.	1Code
	KC	Single flat cutting (D or P)/2 ≤ KC < H/2 (D or P) ≥ 0.6	
	WKC	Two flats cutting (D or P)/2 ≤ WKC < H/2 (D or P) ≥ 0.6	
	KAC KBC	Varied width parallel flats cutting (D or P)/2 ≤ KAC < H/2 KBC=0.1mm increments only (D or P) ≥ 0.6 KAC < KBC < H/2	
	HC	Head diameter change HC=0.1mm increments (D or P) ≤ HC < H	
	HCC	Head diameter change (precision) HCC=0.1mm increments (D or P) + 0.5 ≤ HCC < H - 0.3, (D or P) ≥ 0.6	
	TC	Head thickness change TC=0.1mm increments (Dimension L remains unchanged.)	
	TRN	Relief under the head (No need for plate chamfering) (D or P) ≥ 0.6	
	NHC	Numbering on the head How to order P.396 Ⓜ Available when H ≥ 2	
	SVC	Extend the flat section SV to the bottom. (D or P) < 1 ... L=Applicable until 60 Ⓜ When used concurrently with key flat cutting, SVC processing is done perpendicularly to the key flat surface.	

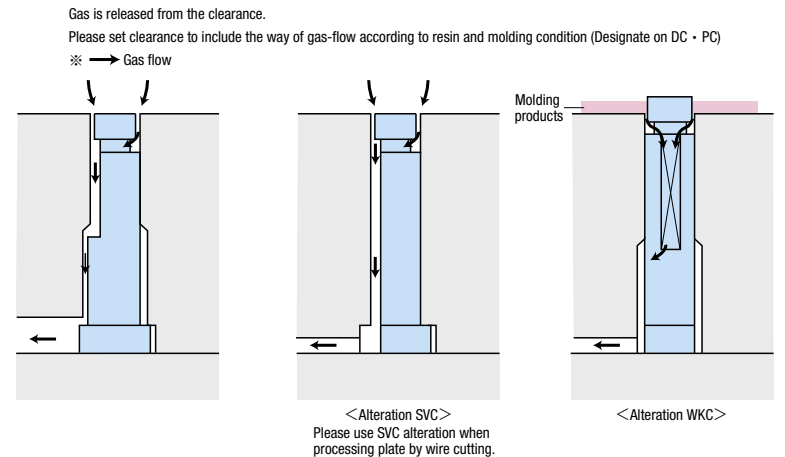
Characteristics

For the molds using the resin which generates gas easily, this core pin performs good effect of gas release from inside cavity through the clearance.



Example

- Assemble at the surface of product to release gas.
- Assemble to the place where the gas gathers in the runner part, and release gas.



Order

Part Number — L — P — DC(DCX) · PC(PCX) — N — SV
GV-CPZ-L3 — 18.36 — — DC2.955 — N2 — SV4
GV-CPVB-L1 — 20.05 — P0.995 — PCX — N2 — SV4



Days to Ship

Quotation

Straight Core Pins

Precision