

CORE PINS FOR SHAFT HOLES

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

RoHS

Step

B

Shape

G (2 key flats)

CPS **CPSB**

Step
Select a step shape from the Step drawings on the right.

Shape
Select a tip key flat shape from the Shape drawings on the right.

Ⓜ ℓ ≤ 10 × A
Ⓜ ℓ ≤ 35

M	H
SKH51 equivalent	58~60HRC

Ⓜ The tolerance of key flat cut part is (DorP)/2 - 0.01
Ⓜ Key flat cutting is performed for positioning shape process.

Step

C

Shape

F (1 key flat)

D

Ⓜ Process A part on the C side. However, R can be designated too.

Ⓜ Default
The shape will be as shown in the drawing.

E

Ⓜ How to order
Designate as Q0.3 when R0.3.



Price

Quotation



Order

Part Number — **L** — **P** — **F** — **A** — **W** — **S** — **C · R(-Q)**
 CPSBG 2.5 — 78.00 — F65.00 — A2.10 — W1.00 — S13.00
 CPSBEG 3.5 — 78.00 — P3.02 — F65.00 — A2.10 — W1.10 — S13.00 — R0.3



Days to Ship

Quotation



Alterations

Part Number — **L** — **P** — **F** — **A** — **W** — **S** — **C · R(-Q)** — (AKC · AWC...etc.)
 CPSBG 2.5 — 78.00 — F65.00 — A1.50 — W1.00 — S13.00 — Q0.3 — TC3.0
 CPSBBG 2.5 — 78.00 — P2.36 — F65.00 — A1.50 — W1.00 — S13.00 — TC3.0

Alterations	Code	Spec.	1Code
	AKC	AKC=1° increments 0 < AKC < 360 Ⓜ No need to designate AKC0 Designation method θ = 50° ...AKC50	
	AWC	AWC=1° increments 0 ≤ AWC < 360 Designation method θ = 0° ...AWC0 θ = 60° ...AWC60	
	HC	HC=0.1mm increments DorP ≤ HC < H Designation method HC6.5	
	TC	TC=0.1mm increments 1.5 ≤ TC < 4.0 Dimensions L and F remain unchanged. Designation method TC3.5	
	RC	RC ≤ 0.05 Changes R (normally ≤ 0.1) to R ≤ 0.05 Ⓜ [Step] Applicable to B Designation method RC	
	AC	AC=1° increments 30 ≤ AC ≤ 60 Ⓜ [Step] Applicable to C,D Working limit [Step] D: A + 2(C × tanAC) < (DorP) Designation method AC33	

Quotation

Shaped Inlay
Core Pins
for Boss

Shaft Diameter (D) Selection Type

H	Part Number			D	L	0.01mm increments				0.1mm increments		
	Type	Step	Shape			F	A	W	S	C · R	Q	
4	CPS	B	G	2	22.00	F ≥ 20.00	D > A ≥ 1.50	A > W ≥ A/2	S ≥ 0.5	S ≤ ℓ	C < D-A/2 and 0.1 ≤ C ≤ 1.0	Q ≥ 0.3
5				2.5								
6				3								
7				3.5								
8				4								
9				4.5								
10				5								
11				5.5								
12				6								
13				6.5								
14				7								
15				8								
16				10								

Ⓜ *R designation is available for CPSE only. Ⓜ *CPSE is available when D ≥ 2.5.

Shaft Diameter (P) Designation (0.01mm increments) Type

H	Part Number				L	P	F	A	W	S	0.1mm increments	
	Type	Step	Shape	No.							C · R	Q
5	CPSB	B	G	2.5	22.00	F ≥ 20.00	P > A ≥ 1.50	A > W ≥ A/2	S ≥ 0.5	S ≤ ℓ	C < P-A/2 and 0.1 ≤ C ≤ 1.0	Q ≥ 0.3
6				3								
7				3.5								
8				4								
9				4.5								
10				5								
11				5.5								
12				6								
13				6.5								
14				7								
15				8								
16				10								

Ⓜ *R designation is available for CPSBE only. Ⓜ *CPSBE is available when P ≥ 2.10.