
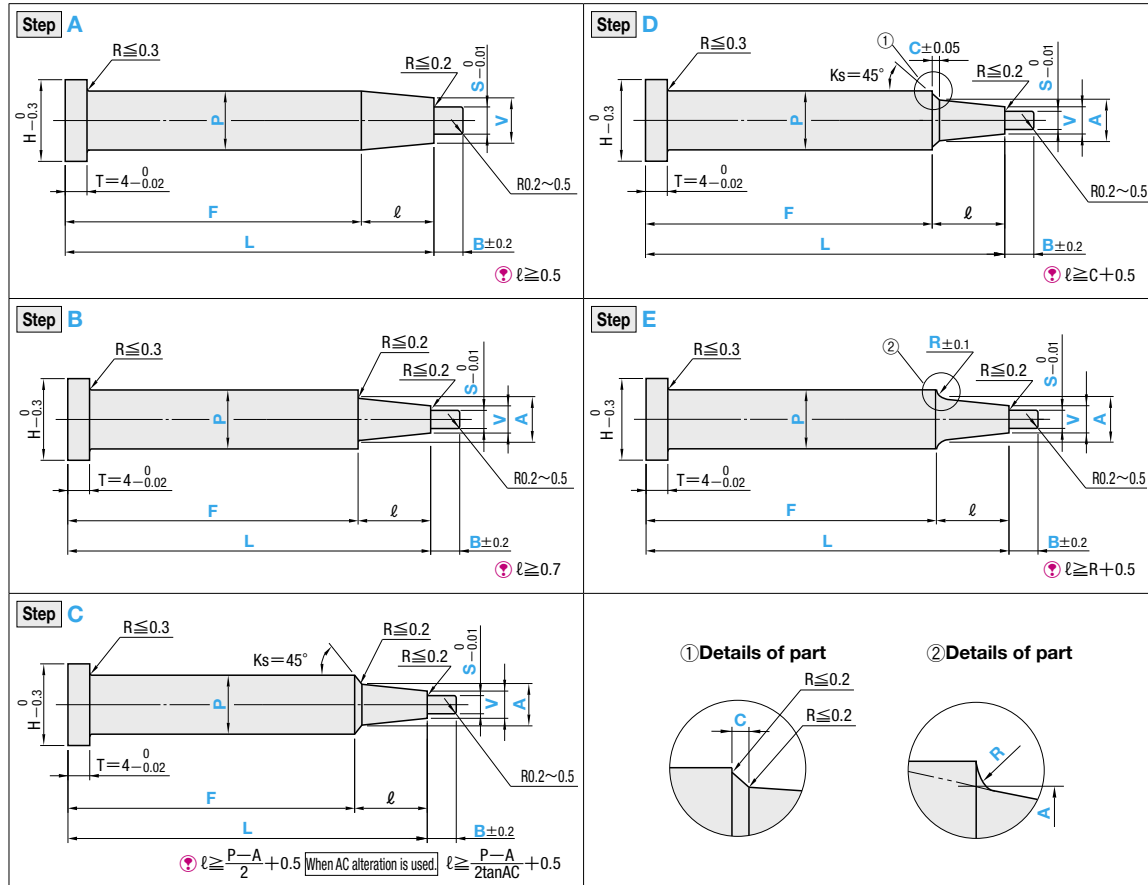


INLAY CORE PINS

—SHAFT DIAMETER (P) DESIGNATION TYPE—

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

	RoHS													
	Type	M	H	Group	T P	T L	T F			T A			T V	T Ks
	CPDB-2	SKD61 equivalent	48~52HRC	Standard	-0.01 -0.02	+0.02 0	+0.05 0	+0.02 0	±0.015			±0.015	45° ±1°	
	CPPB-2	SKD61 equivalent	48~52HRC		0	+0.02 0	+0.05 0	+0.02 0	±0.01					
	CPHB-2	SKH51 equivalent	58~60HRC	Precision	-0.005	+0.01 0	+0.05 0	+0.01 0	±0.005			±0.005	45° ±30'	
CPVB-2	SKH51 equivalent	58~60HRC	0		+0.01 0	+0.05 0	+0.01 0	±0.005						



Order **Part Number** — L — P — F — A — V — S — C · R — B
 CPDB-2D5 — 35.00 — P4.75 — F23.00 — A4.60 — V4.00 — S3.00 — C0.5 — B5.0

Days to Ship **Quotation**

Price **Quotation**

Alterations **Part Number** — L — P — F — A — V — S — C · R — B — (KC · WKC...etc.)
 CPDB-2C5 — 35.00 — P4.75 — F23.00 — A4.40 — V4.00 — S3.00 — B5.0 — RKC2.4

Alterations	Code	Spec.	1Code
	KC	Single flat cutting $P/2 \leq KC < H/2$	Quotation (1) To align the key flat with the shaft diameter (2) To designate arbitrary key flat dimensions Unit of designation 0.1mm
	WKC	Two flats cutting $P/2 \leq WKC < H/2$	
	KAC KBC	Varied width parallel flats cutting $P/2 \leq KAC < H/2$ KBC=0.1mm increments only $KAC < KBC < H/2$	
	RKC	Two flats (right angled) cutting $P/2 \leq RKC < H/2$	
	DKC	Three flats cutting $P/2 \leq DKC < H/2$	
	SKC	Four flats cutting $P/2 \leq SKC < H/2$	
	KGC	Two flats (angled) cutting $P/2 \leq KGC < H/2$ AG=1° increments $0 < AG < 360$	
	KTC	Three flats cutting at 120° $P/2 \leq KTC < H/2$	

Alterations	Code	Spec.	1Code
	HC	Head diameter change $HC=0.1\text{mm}$ increments $P \leq HC < H$ Ⓜ In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.	Quotation
	HCC	Head diameter change (precision) $HCC=0.1\text{mm}$ increments $P+0.5 \leq HCC < H-0.3$	
	TC	Head thickness change $TC=0.1\text{mm}$ increments $1.5 \leq TC < 4$ (Dimensions L and F remain unchanged) $4-TC \leq L_{\text{max}}$ -L	
	AC	Changes the standard angle ($Ks=45^\circ$). $AC=1^\circ$ increments $30 \leq AC \leq 60$ Ⓜ [Step] Available for C · D. [Step] When D, $C \leq 1.0$ $A+2(C \times \tan AC^\circ) < P$.	
	TRN	Relief under the head (Makes plate chamfering unnecessary)	
	NHC	Numbering on the head How to order P.496 Ⓜ Combination with SKC not available. Ⓜ Available when $H \geq 2$	
	GVC	Gas vent machining $GS \cdot GB=1\text{mm}$ increments $2 \leq GS \leq 10$ $GS+2 \leq GB \leq 30$ $F_{\text{min}} \leq F-GB$ Ⓜ Available when $P \geq 2.00$ How to order P.496	

H	Part Number		0.01mm increments (0.005mm increments for precision P dimension)		0.1mm increments						ℓ max.					
	Type	Step No.	Standard	Precision	L	P	F	A	V	S min.	C · R	B	Standard	Precision		
3	CPDB-2	1.5	$L \geq 12.00$	$L \geq 22.00$	1.00~1.495	Standard $F \geq 10.00$	$P > A \geq V$	$A \geq V > S$	No need to designate A when [Step] A is selected.	0.50	$C < \frac{P-A}{2}$	$0.7 \leq B \leq 5 \times S$ and $B \leq 100.00-L$	20.00	A×5 and 50.00		
4		2	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$	1.50~1.995								25.00			
5		2.5	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$	2.00~2.495								30.00			
6		3	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$	2.50~2.995								35.00			
7		A	3.5	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								3.00~3.495		40.00	
8		B	4	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								3.50~3.995		45.00	
9		C	4.5	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								4.00~4.495		50.00	
10		D	5	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								4.50~4.995			
11		E	5.5	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								5.00~5.495			
15		Precision $F \geq 20.00$	6	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								5.50~5.995			When $P16.00 \sim 19.99$ $F \geq 28.00$
18			6.5	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								6.00~6.495			
21			7	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								6.50~6.995			
25			8	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								7.00~7.995			
			10	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								8.00~8.995			
			13	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								10.00~12.995			
			16	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								13.00~15.995			
			20	$L \geq 12.00$ and $L \leq 100.00-B$	$L \geq 22.00$ and $L \leq 100.00-B$								16.00~19.995			

Ⓜ Refer to the drawing for ℓ min.

Shaped Inlay Core Pins for Boss

Standard

Precision