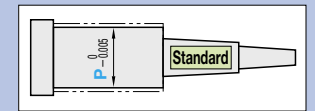


TWO-STEP CORE PINS

—SHAFT DIAMETER (P) DESIGNATION (0.01mm INCREMENTS) • SHAFT DIAMETER TOLERANCE -0.005 TYPE—

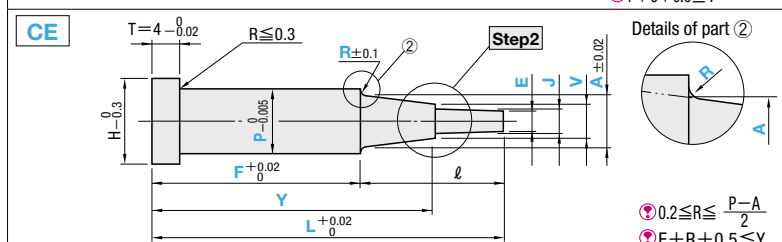
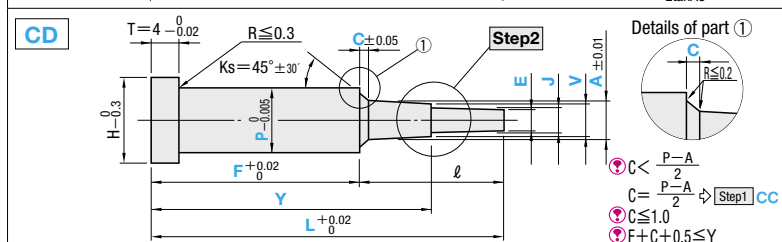
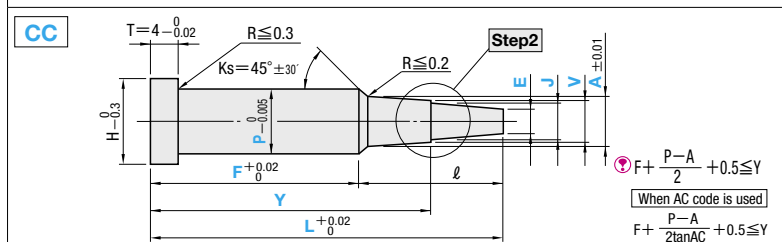
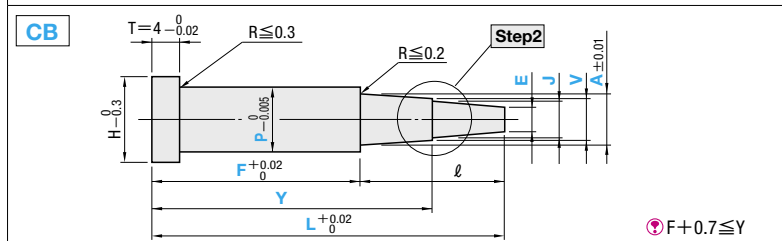
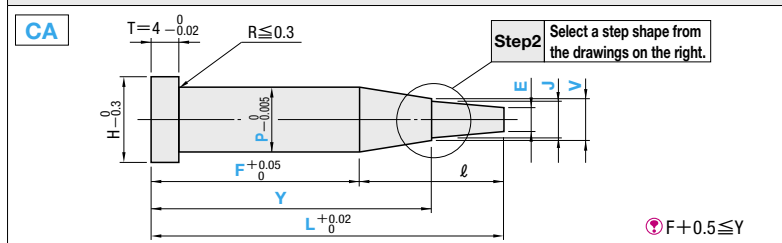


Non JIS material definition is listed on P.1351 - 1352

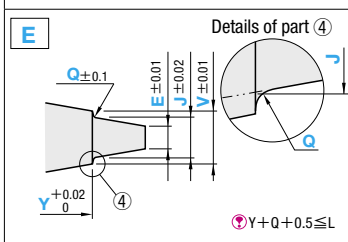
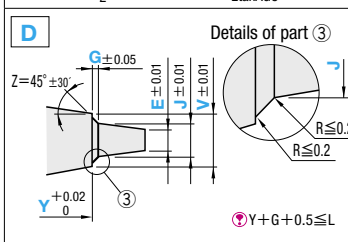
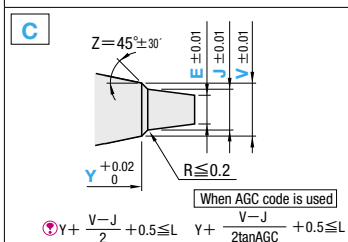
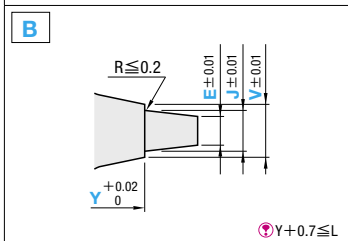
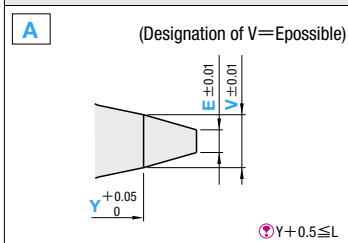
When exceeding the machining limit of tip (ℓ) dimension (Refer to the following drawings Step1 • Step2) ... "Tip (ℓ) Short two-step Core Pins" Details are published online.

Part Number	RoHS		
	Step 1	Material code	Step 2
CA	KB	NAK80 37~43HRC	A
	GB	DH2F 38~42HRC	
CB	PB	SKD61 equivalent 48~52HRC	B
CC	HB	SKH51 equivalent 58~60HRC	C
CD	WB	SUS440C 56~60HRC	D
CE	YB	MAS1C 50~54HRC	E

Step1 (shape for first step) select from CA~CE below



Step2 (shape for second step)



H	Part Number		0.01mm increments								0.1mm increments				ℓ max.	
	Step1	Material	Step2	No.	min. P max.	F	Y	A	V	J	Emin.	C	R	G		Q
3				1.5	1.00~1.49						0.50					20.00
4				2	1.50~1.99						0.70					25.00
5	CA	KB	A	2.5	2.00~2.49						1.00					30.00
6	CB	GB	B	3	2.50~2.99						1.50					35.00
7	CB	PB	B	3.5	3.00~3.49						2.00					40.00
8	CC	HB	C	4	3.50~3.99						2.50					45.00
8	CC	HB	C	4.5	4.00~4.49						3.00					50.00
9	CD	WB	D	5	4.50~4.99						3.50					55.00
9	CD	WB	D	5.5	5.00~5.49						4.00					60.00
10	CE	YB	E	6	5.50~5.99						4.50					65.00
10	CE	YB	E	6.5	6.00~6.49						5.00					70.00
11				7	6.50~6.99						5.50					75.00
11				7.5	7.00~7.99						6.00					80.00
15				10	8.00~9.99						7.00					90.00
18				13	10.00~12.99						9.00					110.00
21				16	13.00~15.99						12.00					140.00
25	PB	HB		20	16.00~19.99						15.00					170.00

Order Part Number — L — P — F — Y — A — V — J — E — C · R — G · Q

CBHBB 6 — 62.10 — P5.55 — F42.00 — Y53.25 — A5.20 — V4.70 — J4.10 — E3.50

CDWBA 8 — 70.00 — P7.25 — F43.50 — Y55.32 — A5.00 — V4.50 — E4.00 — C0.5

CEPBE 6 — 55.75 — P5.98 — F43.50 — Y48.76 — A5.00 — V4.80 — J3.80 — E3.00 — R0.4 — Q0.4

Days to Ship Quotation Price Quotation

Alterations Part Number — L — P — F — Y — A — V — J — E — C · R — G · Q — (KC · WKC · etc.)

CEGBA5 — 56.50 — P4.80 — F48.00 — Y52.00 — A4.20 — V4.10 — E2.80 — R0.3 — RKC2.4

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	KC	Single flat cutting $P/2 \leq KC < H/2$			HC	Head diameter change $P \leq HC < H$ In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.	
	WKC	Two flats cutting $P/2 \leq WKC < H/2$			HCC	Head diameter change (precision) $HCC = 0.1\text{mm increments}$ $P + 0.5 \leq HCC < H - 0.3$	
	KAC	Varied width parallel flats cutting $P/2 \leq KAC < H/2$ $KBC = 0.1\text{mm increments only}$ $KAC < KBC < H/2$			TC	Head thickness change $TC = 0.1\text{mm increments}$ $1.5 \leq TC < 4$ (Dimensions L, Y, and F remain unchanged) $4 - TC \leq L_{max} - L$	
	RKC	Two flats (right angled) cutting $P/2 \leq RKC < H/2$			TRN	Relief under the head (No need for plate chamfering)	
	DKC	Three flats cutting $P/2 \leq DKC < H/2$			NHC	Numbering on the head How to order P.442 Available when $H \geq 2$ Combination with SKC not available.	
	SKC	Four flats cutting $P/2 \leq SKC < H/2$			AC	Changes the standard angle ($K_s = 45^\circ$). $AC = 1^\circ$ increments Available for Step1 CC/CD $30 \leq AC \leq 60$ When Step1 CD: $A + 2(C \times \tan AC) < P$	
	KGC	Two flats (angled) cutting $P/2 \leq KGC < H/2$ $0 < AG < 360$ $AG = 1^\circ$ increments Unit of designation 0.1mm			AGC	Changes the standard angle ($Z = 45^\circ$). $AGC = 1^\circ$ increments Available for Step2 C/D $30 \leq AGC \leq 60$ When Step2 D: $J + 2(J \times \tan AGC) < V$	
	KTC	Three flats cutting at 120° $P/2 \leq KTC < H/2$			GVC	Gas vent machining $GS \cdot GB = 1\text{mm increments}$ Available when $P \geq 2.00$ $2 \leq GS \leq 10$ $GS + 2 \leq GB \leq 30$ $F_{min.} \leq F - GB$ How to order P.442	