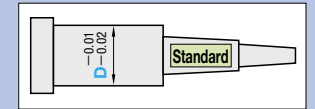


TWO-STEP CORE PINS

—SHAFT DIAMETER (D) SELECTION • SHAFT DIAMETER TOLERANCE ± 0.01 / 0.02 TYPE—

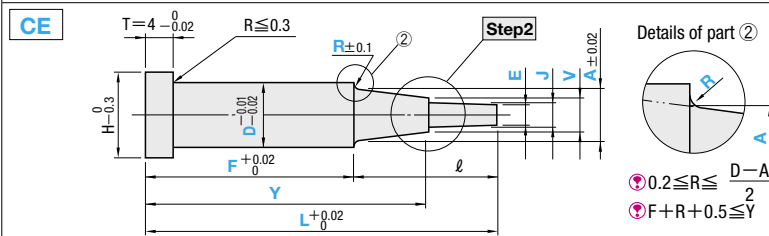
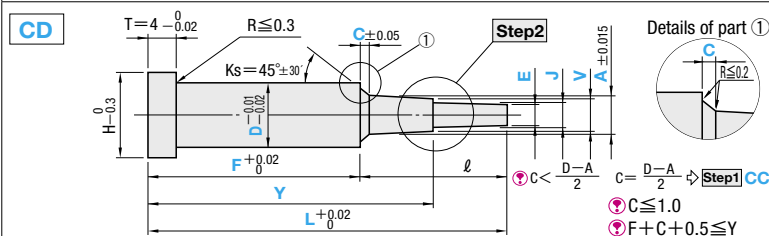
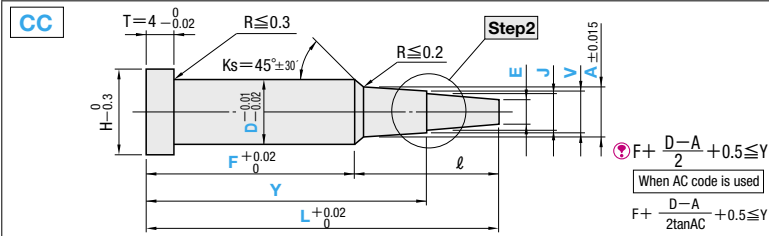
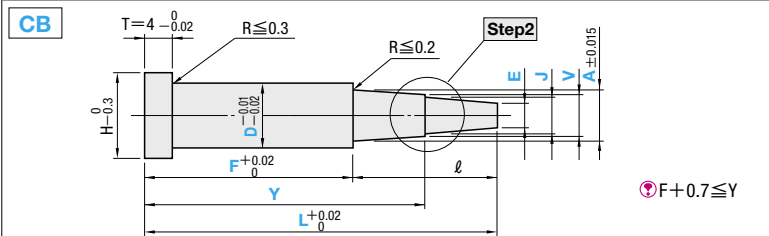
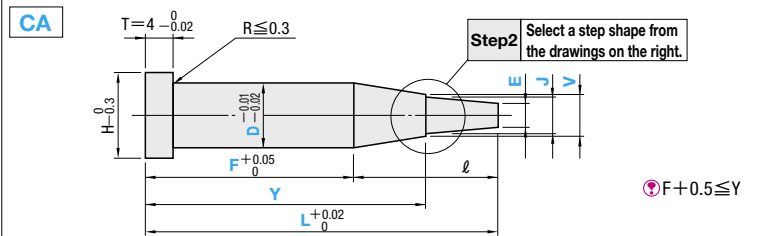


Ⓜ Non JIS material definition is listed on P.1351 - 1352

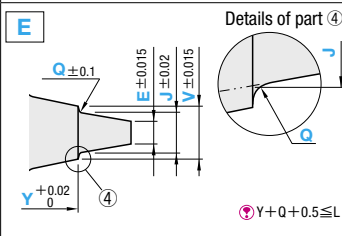
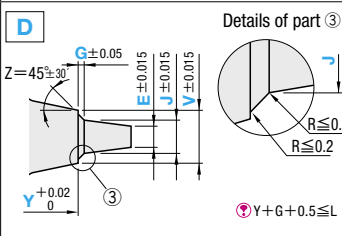
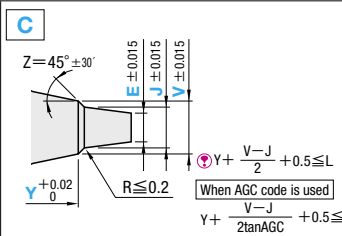
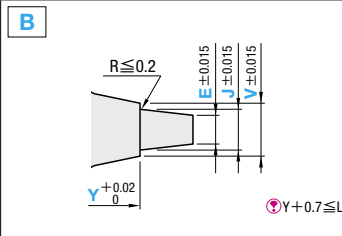
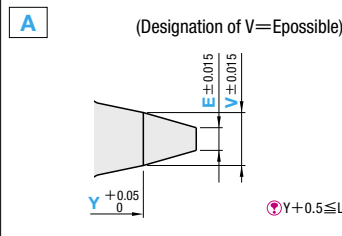
Part Number	Step 1		Step 2	
	Material code	M	M	Step 2
CA	N	NAK80	A	A
		37~43HRC		
CB	F	DH2F	B	B
		38~42HRC		
CC	D	SKD61 equivalent	C	C
		48~52HRC		
CD	X	SKH51 equivalent	D	D
		58~60HRC		
CE	A	MA51C	E	E
		50~54HRC		



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



Step2 (shape for second step)



H	Part Number		0.01mm increments							0.1mm increments				ℓmax.			
	Step1	Material	Step2	D	L min.	L max.	F	Y	A	V	J	Emin.	C		R	G	Q
3				1								0.50					15.00
4	CA	N	A	1.5		100.00						0.70					20.00
5				2													25.00
6				2.5													30.00
7	CB	F	B	3								1.00					35.00
8				3.5													40.00
9	CC	D	C	4								1.50					45.00
10				4.5													
11	CD	X	D	5	12.00		$F \geq 10.00$										
15				5.5													
18				6													
21				6.5													
25	CE	A	E	7	120.00							2.00					60.00
				8													
				10													
				13													
				16													
				20	30.00		$F \geq 28.00$					5.00					

Order

Part Number	L	F	Y	A	V	J	E	C	R	G	Q
CANA 5	56.50	F48.00	Y52.00	A4.50	V4.20	J3.50	E2.80				
CCDD 5.5	49.95	F35.00	Y40.00	A4.50	V4.30	J3.50	E3.20				G0.3
CENE 6	55.75	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	F	Y	A	V	J	E	C	R	G	Q	(KC · WKC...etc.)
CEFA5	56.50	F48.00	Y52.00	A4.20	V4.10	J3.50	E2.80					RKC2.4

Alterations	Code	Spec.	1Code
	KC	Single flat cutting $D/2 \leq KC < H/2$	
	WKC	Two flats cutting $D/2 \leq WKC < H/2$	
	KAC KBC	Varied width parallel flats cutting $D/2 \leq KAC < H/2$ KBC=0.1mm increments only $KAC < KBC < H/2$	
	RKC	Two flats (right angled) cutting $D/2 \leq RKC < H/2$	
	DKC	Three flats cutting $D/2 \leq DKC < H/2$	
	SKC	Four flats cutting $D/2 \leq SKC < H/2$	
	KGC	Two flats (angled) cutting $D/2 \leq KGC < H/2$ $0 < AG < 360$ AG=1° increments	
	KTC	Three flats cutting at 120° $D/2 \leq KTC < H/2$	

Alterations	Code	Spec.	1Code
	HC	Head diameter change HC=0.1mm increments $D \leq HC < H$ In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.	
	HCC	Head diameter change (precision) HCC=0.1mm increments $D + 0.5 \leq HCC < H - 0.3$	
	TC	Head thickness change TC=0.1mm increments $1.5 \leq TC < 4$ (Dimensions L, Y, and F remain unchanged) $4 - TC \leq L_{max} - L$	
	TRN	Relief under the head (No need for plate chamfering)	
	NHC	Numbering on the head How to order P.442 Available when $H \geq 2$ Combination with SKC not available.	
	AC	Changes the standard angle (Ks=45°). AC=1° increments Available for [Step1] CC/CD $30 \leq AC \leq 60$ When [Step1] CD : $A + 2(C \times \tan AC) < D$	
	AGC	Changes the standard angle (Z=45°). AGC=1° increments Available for [Step2] 1C/1D $30 \leq AGC \leq 60$ When [Step2] D : $J + 2(G \times \tan AGC) < V$	
	GVC	Gas vent machining GS · GB=1mm increments Available when $D \geq 2$ $2 \leq GS \leq 10$ $GS + 2 \leq GB \leq 30$ Fmin. ≤ F-GB How to order P.442	