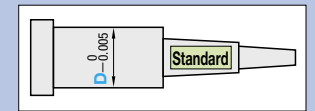


TWO-STEP CORE PINS

—SHAFT DIAMETER (D) SELECTION • SHAFT DIAMETER TOLERANCE—⁰/_{0.005} TYPE—

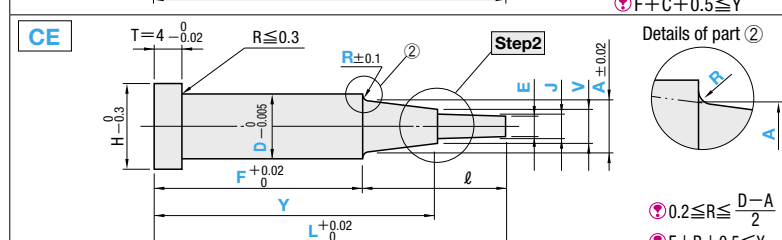
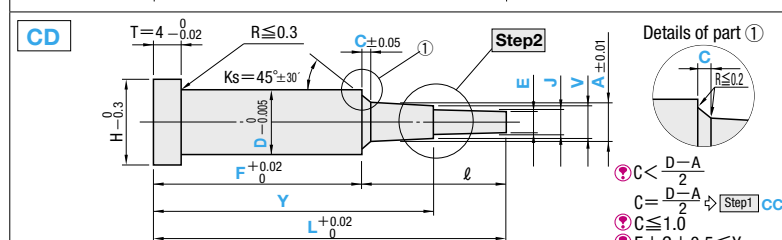
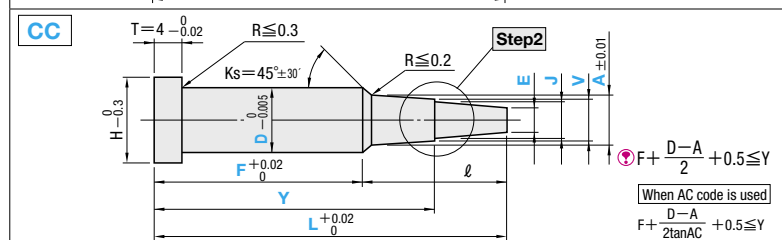
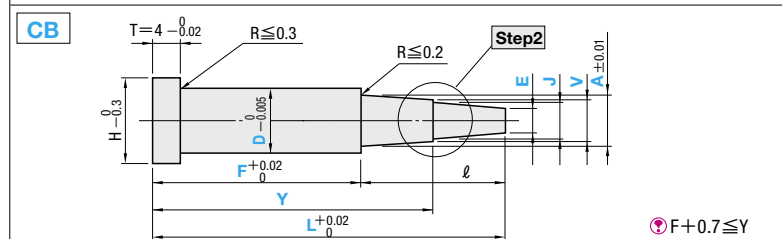
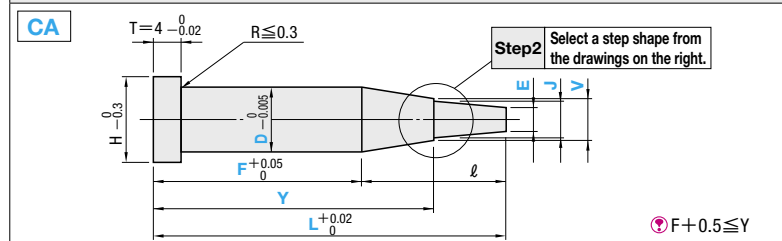


Ⓜ Non JIS material definition is listed on P.1351 - 1352

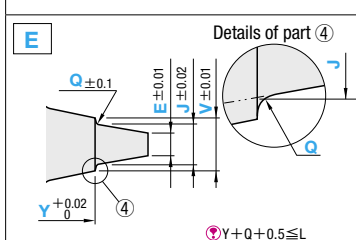
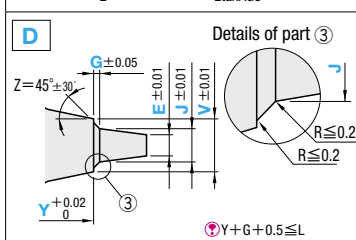
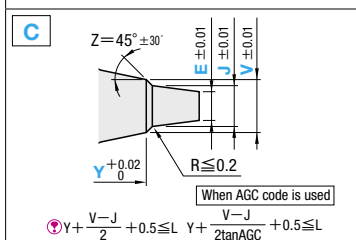
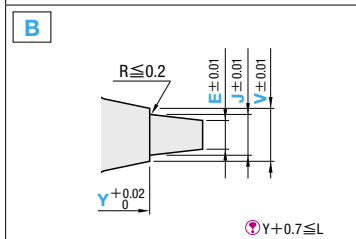
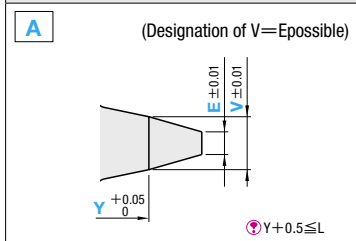
Ⓜ When exceeding the machining limit of tip (ℓ) dimension (Refer to the following drawings Step1 • Step2) ... "Tip (ℓ) Short two-step Core Pins" Details are published online.

Part Number	RoHS		
	Step 1	Material code	Step 2
CA	K	NAK80 37~43HRC	A
		DH2F 38~42HRC	
CB	P	SKD61 equivalent 48~52HRC	B
CC	H	SKH51 equivalent 58~60HRC	C
CD	W	SUS440C 56~60HRC	D
CE	Y	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				ℓmax.																	
	Step1	Material	Step2	D	min.	max.	F	Y	A	V	J	Emin.	C		R	G	Q														
3	CA	K	A	1	100.00	120.00	F≥10.00	Refer to the working limits shown in the drawing	D>A≥V	A≥V>J	V>J≥E	0.50	Only [Step1] CD is designated	Only [Step1] CE is designated	Only [Step2] D is designated	Only [Step2] E is designated	15.00														
4				1.5								20.00																			
5				2								25.00																			
6				2.5								30.00																			
7				3								35.00																			
8				3.5								40.00																			
9				4								45.00																			
10				4.5								50.00																			
11				5								55.00																			
15				6								65.00																			
18				7								75.00																			
21				8								85.00																			
25				10								100.00																			
																		12.00													60.00

Order

Part Number	L	F	Y	A	V	J	E	C · R	G · Q
CAKA 5	56.50	F48.00	Y52.00	A4.50	V4.20	J3.50	E2.80	R0.4	G0.3
CCPD 5.5	49.95	F35.00	Y40.00	A4.50	V4.30	J3.50	E3.20	R0.4	G0.3
CEWE 6	55.75	F43.50	Y48.76	A5.00	V4.80	J3.80	E3.00	R0.4	Q0.4

Days to Ship

Alterations

Part Number	L	F	Y	A	V	J	E	C · R	G · Q	(KC · WKC...etc.)
CEHA5	56.50	F48.00	Y52.00	A4.20	V4.10	J3.50	E2.80	R0.3	G0.3	RKC2.4

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	KC	Single flat cutting D/2≤KC<H/2			HC	Head diameter change HC=0.1mm increments D≤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 D/2≤WKC<H/2			HCC	Head diameter change (precision) HCC=0.1mm increments D+0.5≤HCC<H-0.3	
	KAC KBC	Varied width parallel flats cutting D/2≤KAC<H/2 KBC=0.1mm increments only KAC<KBC<H/2			TC	Head thickness change TC=0.1mm increments 1.5≤TC<4 (Dimensions L, Y, and F remain unchanged) 4-TC≤ℓmax.-ℓ	
	RKC	Two flats (right angled) cutting D/2≤RKC<H/2			TRN	Relief under the head (No need for plate chamfering)	
	DKC	Three flats cutting D/2≤DKC<H/2			NHC	Numbering on the head How to order P.442 Available when H≥2 Combination with SKC not available.	
	SKC	Four flats cutting D/2≤SKC<H/2			AC	Changes the standard angle (Ks=45°). AC=1° increments Available for [Step1] CC/CD 30≤AC≤60 When [Step1] CD : A+2(C×tanAC)<D	
	KGC	Two flats (angled) cutting D/2≤KGC<H/2 0<AG<360 AG=1° increments			AGC	Changes the standard angle (Z=45°). AGC=1° increments Available for [Step2] 1C/1D 30≤AGC≤60 When [Step2] D : J+2(G×tanAGC)<V	
	KTC	Three flats cutting at 120° D/2≤KTC<H/2			GVC	Gas vent machining GS · GB=1mm increments Available when D≥2 2≤GS≤10 GS+2≤GB≤30 Fmin.≤F-GB How to order P.442	