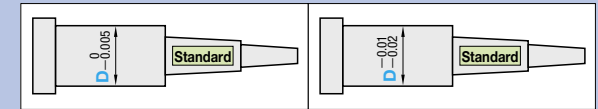
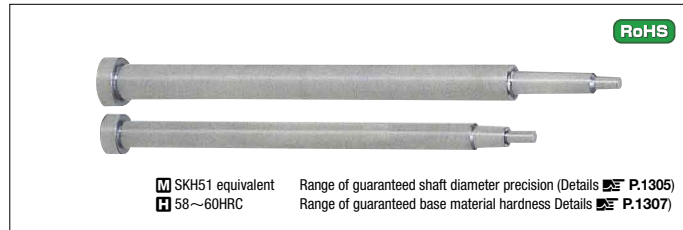


# TWO-STEP CENTER PINS

—SHAFT DIAMETER (D) SELECTION TIP (A · V · J · E) TOLERANCE : ±0.01 TYPE—

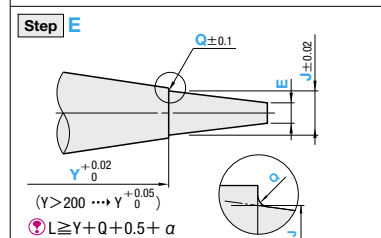
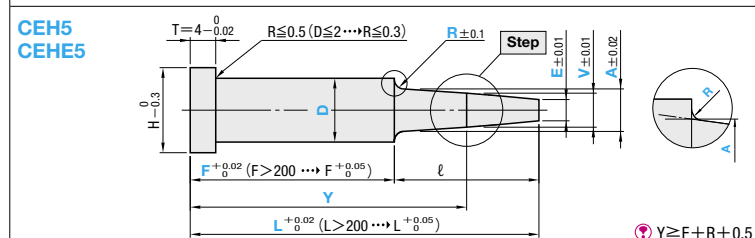
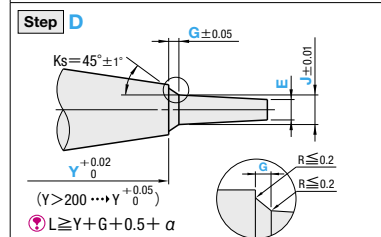
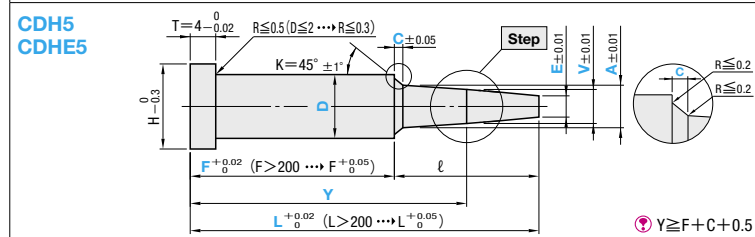
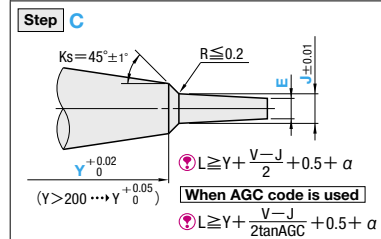
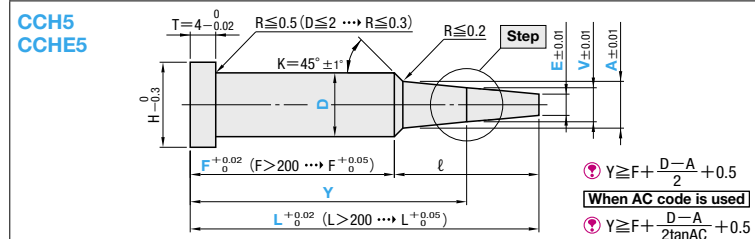
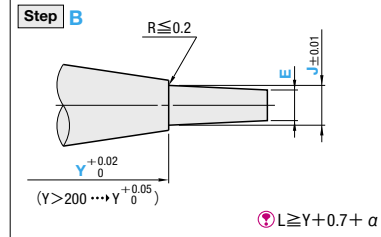
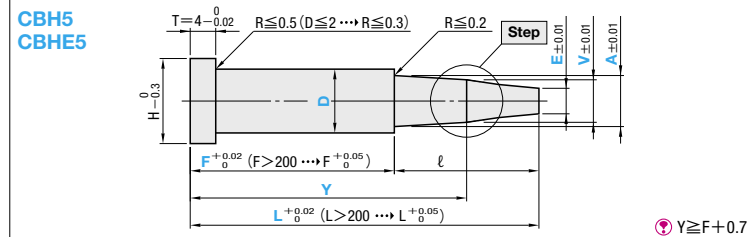
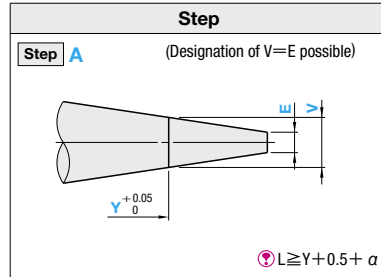
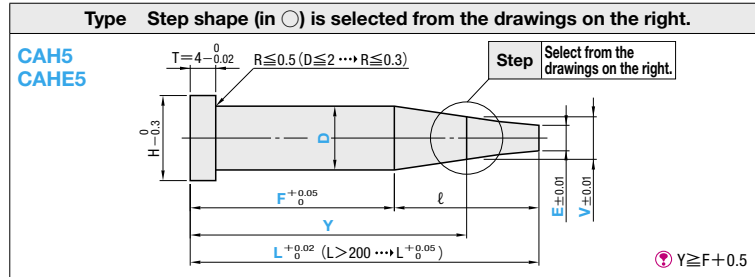


Ⓜ Non JIS material definition is listed on P.1351 - 1352



SKH51 equivalent Range of guaranteed shaft diameter precision (Details P.1305)  
58~60HRC Range of guaranteed base material hardness Details P.1307

Type	D	Head Thickness (T)	Applicable ejector sleeve hole tolerance
C□H5	0 -0.005	4mm (T4)	+0.005 0 Details P.1309
C□HE5	-0.01 -0.02		+0.01 0 or H7 Details P.1309



H	Part Number		0.01mm increments							0.1mm increments		ℓ max.		
	Type	Step	D	L	F	Y	A	V	J	Emin.	C · R		G · Q	
3	CAH5 CBH5 CCH5 CDH5 CEH5	A	1	70.00~200.00	F≥50.00	Refer to the working limits shown in the drawing	D>A and A≥V	A≥V and V>J	V>J and J≥E	0.50	For Type CDH5 CDHE5	0.1≤C≤1.5 and C=D-A/2	0.1≤G≤0.5 and G<V-J/2	15
4			2	70.00										20
5			2.5	250.00										25
6			3	70.00										30
7			3.5	70.00										35
8	CAHE5 CBHE5 CCH5 CDHE5 CEHE5	B	4.5	300.00	F≥50.00	Refer to the working limits shown in the drawing	D>A and A≥V	A≥V and V>J	V>J and J≥E	1.00	For Type CEH5 CEHE5	R≥0.3 and R=D-A/2	Q≥0.3 and Q≤V-J/2	40
9			5	70.00										45
10			5.5	70.00										50
11			6	70.00										50
14			6.5	70.00										50
15		C	7	70.00	F≥50.00	Refer to the working limits shown in the drawing	D>A and A≥V	A≥V and V>J	V>J and J≥E	1.50	For Type CAH5 CAHE5	R≥0.3 and R=D-A/2	Q≥0.3 and Q≤V-J/2	50
17			8	350.00										50
			9	350.00										50
17			10	350.00						2.00				
			12							2.50				

Ⓜ D≥1.5 for [Type] CEH5 · CEHE5

Alterations Part Number L F Y A V J E C · G · R · Q (KC · WKC...etc.)  
CCH5B 5 - 100.00 - F50.00 - Y52.00 - A4.50 - V4.20 - J3.80 - E2.80 - WKC2.5

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	VWC	Single flat cutting (precision) D/2≤VWC<H/2			TC	TC=0.1mm increments 2.0≤TC<4, D≥1.5 4-TC≤Lmax.-L (Dimensions L, Y, and F remain unchanged)	
	WVC	Two flats cutting (precision) D/2≤WVC<H/2			NC	Dowel hole boring Available when H≥4 Combination with other than CX · RX · SR · AC · AGC · NHC · NHN · RR not available.	
	KC	Single flat cutting D/2≤KC<H/2			NCW	Dowel hole boring+Spring pin driving Available when H≥4 Combination with other than CX · RX · SR · AC · AGC · NHC · NHN · RR not available.	
	WKC	Two flats cutting D/2≤WKC<H/2			NHC	Numbering on the head How to order P.352 Available when H≥2	
	KAC	Varied width parallel flats cutting D/2≤KAC<H/2 KBC=0.1mm increments only KAC<KBC<H/2			NHN	Automatic sequential numbering on the head How to order P.352 Available when H≥2	
	RKC	Two flats (right angled) cutting D/2≤RKC<H/2			CX	CX=0.1mm increments 0.3≤CX≤0.5, CX<E/2 D>4.5 0.3≤RX≤1.0 E is a dimension prior to CX machining. ※ α=CX	
	DKC	Three flats cutting D/2≤DKC<H/2			RX	RX=0.1mm increments D≤4.5 0.3≤RX≤0.5, RX<E/2 D>4.5 0.3≤RX≤1.0 E is a dimension prior to RX machining. ※ α=RX	
	KGC	Two flats (angled) cutting D/2≤KGC<H/2 AG=1° increments 0<AG<360			SR	Finishes the tip in spherical shape (SR). Available when D≥2 L is 0~0.05 ※ α=E/2 E is a dimension prior to SR machining.	
	KTC	Three flats cutting at 120° D/2≤KTC<H/2			AC	Changes the standard angle (Ks=45°). AC=1° increments 30≤AC≤60 Available for [Type] CCH5 · CCHE5 · CDH5 · CDHE5 When CDH5 · CDHE5, C≤1.0, A+2(CxtanAC)<D	
	HC	HC=0.1mm increments D≤HC<H, D≥1.5 In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.			AGC	Changes the standard angle (Ks=45°). AGC=1° increments 30≤AGC≤60 Available for [Step] C · D Combination with RR not available. When [Step] D, J+2(GxtanAGC)<V	
	HCC	HCC=0.1mm increments D+1≤HCC<H-0.3, D≥1.5			RR	Changes R (normally 0.2 or less) to R0.3~0.5. (for Strength improvement) [Designation method] RR Available for [Step] B · C · D D-A≥1.0 When [Step] D, C≥0.5	

P Price Quotation

Quotation

Order Part Number L F Y A V J E C · G · R · Q  
CCH5B 5 - 100.00 - F50.00 - Y52.00 - A4.50 - V4.20 - J3.80 - E2.80

Days to Ship Quotation

Stepped Center Pins

High Speed Steel SKH51 equivalent