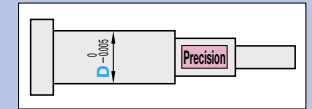


PRECISION TAPERLESS TWO-STEP CORE PINS (NO DRAFT ANGLE CORE PINS)

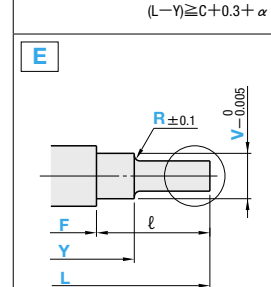
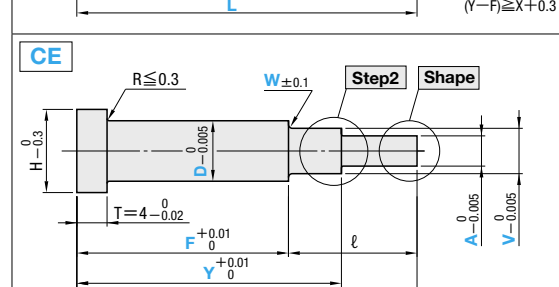
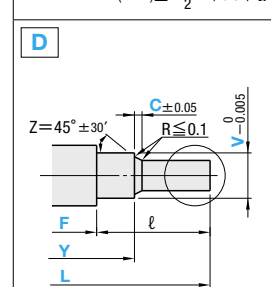
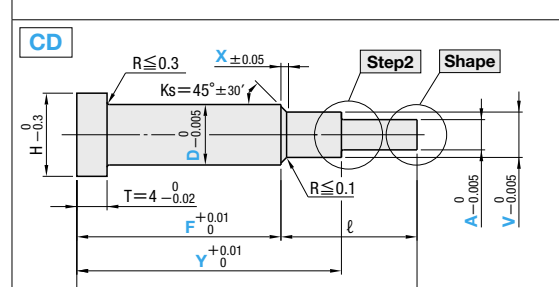
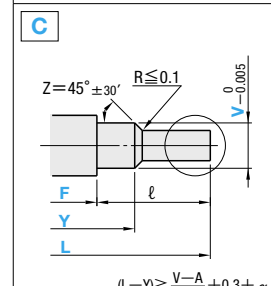
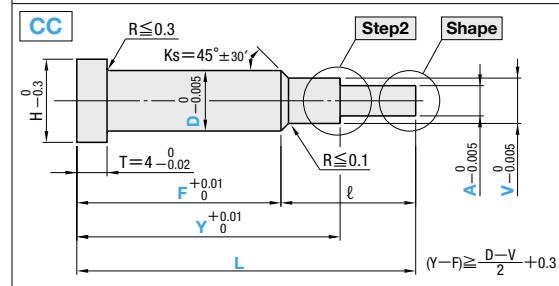
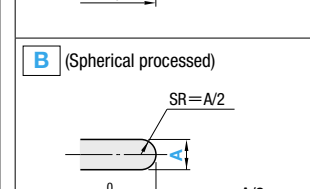
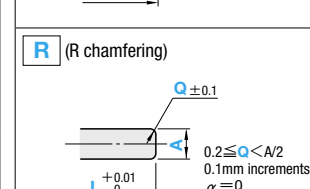
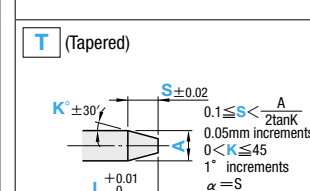
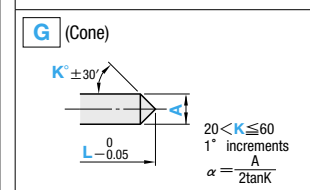
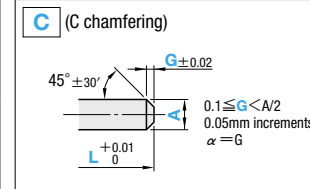
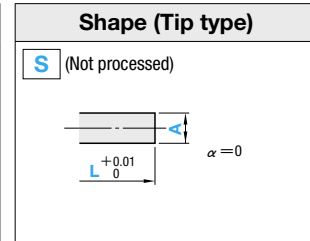
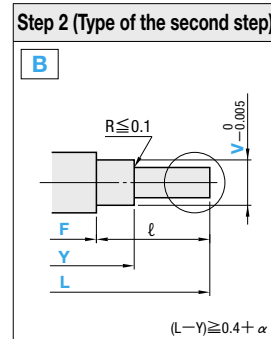
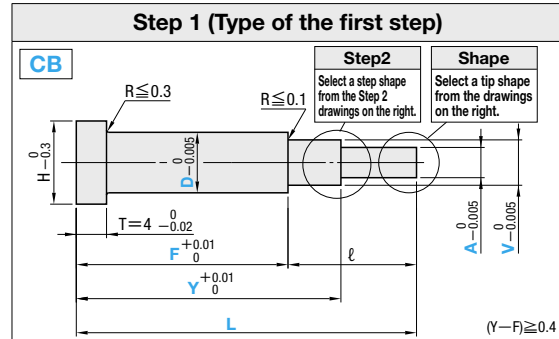
—SHAFT DIAMETER (D) SELECTION TYPE—



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

Part Number		Material		Step2	Shape
Step1	Material code	M	H		
CB	SZ	SKD61 equivalent	48~52HRC	B	S
				C	G
				D	T
				E	R
CC	SV	SKH51 equivalent	58~60HRC	C	G
				D	T
				E	R

RoHS



H	Part Number				0.01mm increments					0.1mm increments				ℓ max.			
	Step1	Material	Step2	Shape	D	L min.	L max.	F	Y	V	A min.	A max.	X		W	C	R
3					1												
4				S	2		100.00										
5					2.5												
6	CB		B	C	3												
7	CB		B	C	3.5												
8	CC	SZ	C	G	4		120.00										
9	CD	SV	D	T	4.5	14.00		F ≥ 12.00		D > V		V > A					
10					5												
11	CE		E	R	5.5												
15					6												
18					6.5												
21					7												
25					8												
					10												
					13												
					16												
					20												

Order Part Number L F Y V A X W C R Tip size (K·S·G·Q)

CBSZBS 3.5 - 40.00 - F20.50 - Y31.00 - V2.80 - A2.50

CCSVCC 5 - 52.05 - F35.68 - Y44.00 - V3.85 - A3.35 - G0.5

CDSZDG 6 - 58.42 - F42.00 - Y49.00 - V4.30 - A2.00 - X0.5 - C0.5 - K30

CESVET 5.5 - 60.50 - F40.10 - Y51.00 - V4.60 - A3.30 - W0.2 - R0.3 - K30 - S1.0

Days to Ship Quotation Price Quotation

Alterations Part Number L F(FC) Y V A X W C R Tip size (K·S·G·Q) (K·C·WKC...etc.)

CBSVDS6 - 88.50 - F65.00 - Y80.00 - V4.50 - A3.50 - C0.3 - WKC3.0

Alterations	Code	Spec.	Code
	KC	Single flat cutting D/2 ≤ KC < H/2	
	WKC	Two flats cutting D/2 ≤ WKC < H/2	
	KAC	Varied width parallel flats cutting D/2 ≤ KAC < H/2 KBC=0.1mm increments only KAC < KBC < H/2	
	KBC		
	RKC	Two flats (right angled) cutting D/2 ≤ RKC < H/2	
	DKC	Three flats cutting D/2 ≤ DKC < H/2	
	SKC	Four flats cutting D/2 ≤ SKC < H/2	
	KGC	Two flats (angled) cutting D/2 ≤ KGC < H/2 0 < AG < 360 AG = 1° increments	
	KTC	Three flats cutting at 120° D/2 ≤ KTC < 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.	
	HCC	Head diameter change (precision) HCC = 0.1mm increments D + 0.5 ≤ HCC < H - 0.3	
	TC	Head thickness change TC = 0.1mm increments 1.5 ≤ TC < 4 (Dimensions L, Y, and F remain unchanged) 4 - TC ≤ Lmax. - L	

Alterations	Code	Spec.	Code
	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 ≥ 2	
	AC	Changes the standard angle (Ks = 45°). AC = 1° increments 30 ≤ AC ≤ 60 Available for [Step1] CC · CD When [Step1] CC, Y - F ≥ (D - V) / 2tanAC + 0.3 When [Step1] CD, V + 2(XtanAC) < D	
	QC	Changes R (normally ≤ 0.1) to R ≤ 0.05. Available for [Step1] CB [Designation method] QC	
	RC	Changes R (normally ≤ 0.1) to R ≤ 0.05. Available for [Step2] B [Designation method] RC	
	AGC	Changes the standard angle (Z = 45°). 30 ≤ AGC ≤ 60 Available for [Step2] C · D When [Step2] D, A + 2(CtanAGC) < V	
	FC	F dimension becomes shorter than F min., and L dimension becomes shorter than L min. FC ≥ 5mm It can be designated up to L min. = 6.5mm	
	GVC	Gas vent machining GS · GB = 1mm increments Available when D ≥ 2 2 ≤ GS ≤ 10 GS + 2 ≤ GB ≤ 30 F min. ≤ F - GB How to order P.496	