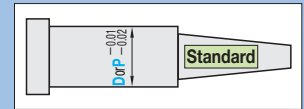


ONE-STEP CORE PINS

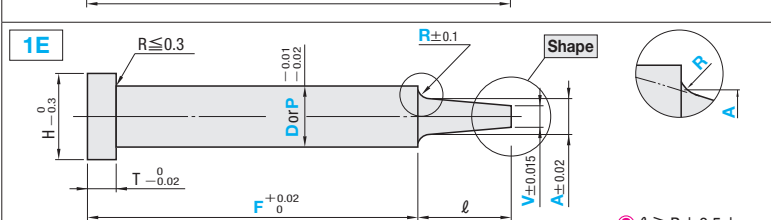
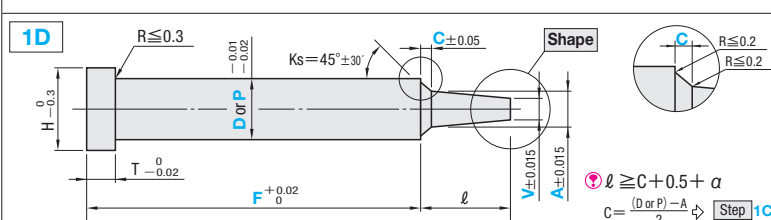
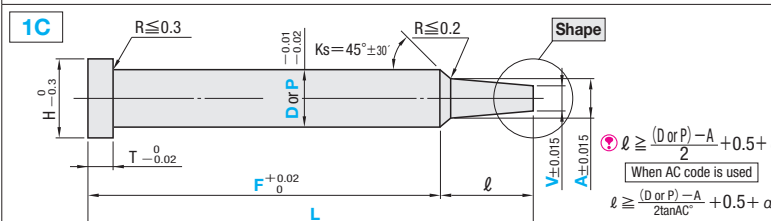
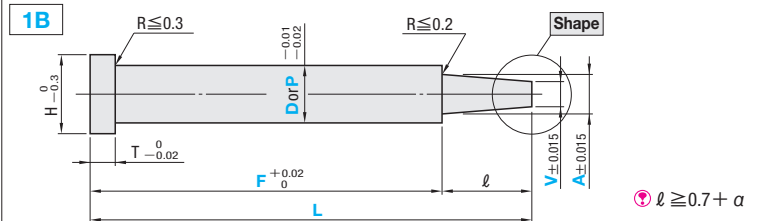
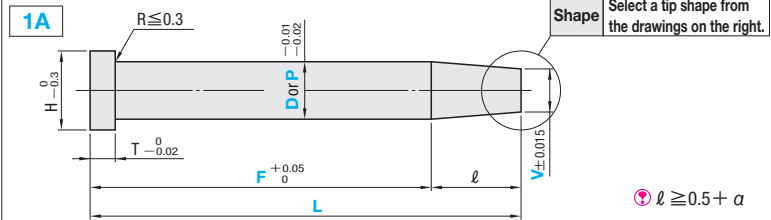
—SHAFT DIAMETER (D) SELECTION TYPE / SHAFT DIAMETER (P) (0.01mm INCREMENTS) DESIGNATION · SHAFT DIAMETER TOLERANCE ± 0.01 / ± 0.02 TYPE—



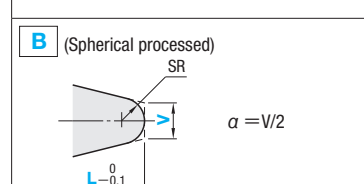
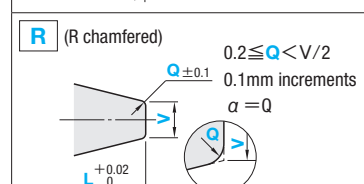
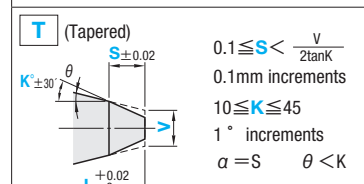
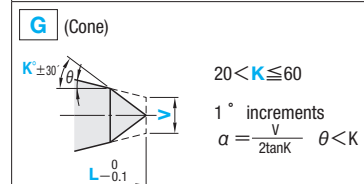
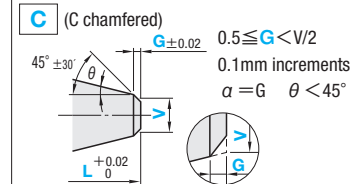
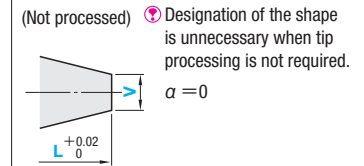
Non JIS material definition is listed on P.1359 - 1360

		Part Number		Step	Shape
		Type	Shaft diameter (P) designation type		
	RoHS			1A	Not processed
	M			1B	C
	H			1C	G
				1D	T
				1E	R
		SKD61 equivalent 48~52HRC	CPDJ—	CPDJB—	B

Step type selected from 1A~1E below



Shape (Tip shape: V is dimension before tip processing.)



(Calculation of tip gradient θ P.1323)

Refer to the [Shape] drawing for L tolerance

Part Number	L	P	F	A	V	C · R	Tip size (K · S · G · Q)
CPDJ -1BR6	46.00		F38.00	A5.00	V3.00		Q1.0
CPDJB -1CC6	45.50	P5.49	F30.50	A5.00	V4.50		G1.5

Shaft diameter (D) selection type

H	T	Part Number			0.01mm increments				0.1mm increments		ℓmax.				
		Type	Step	Shape	D	min.	L	max.	min.	F		max.	A	Vmin.	C
8	6	CPDJ—	1A	C G T R B	4	40.00	120.00	30.00	L-ℓmin.	ℓmin. Refer to the [Step] drawing	No designation necessary for A	1.00	Only [Step] 1D designated	Only [Step] 1E designated	45.00
D > A ≥ V															
[Step] 1A															
D > V															
1.50															
9	1B	5	4.00~4.99												
10	1C	6	5.00~5.99												
11	1D	7	6.00~7.99												
13	8	1E	8	8.00~9.99											
15			10	2.00	50.00										

Shaft diameter (P) designation type

H	T	Part Number			0.01mm increments				0.1mm increments		ℓmax.				
		Type	Step	Shape	No.	min.	L	max.	min.	F		max.	A	Vmin.	C
8	6	CPDJB—	1A	C G T R B	4	40.00	120.00	30.00	L-ℓmin.	ℓmin. Refer to the [Step] drawing	No designation necessary for A	1.00	Only [Step] 1D designated	Only [Step] 1E designated	45.00
P > A ≥ V															
[Step] 1A															
P > V															
1.50															
9	1B	5	4.00~4.99												
10	1C	6	5.00~5.99												
13	8	1D	8	6.00~7.99											
15			1E	10	8.00~9.99										

P Price **Quantity discount rate** P.45

Quantity	Rate
1~4	5%
5~12	10%
13~19	10%
20~50	15%

Days to Ship 3 Days **Express T Express A** P.46

Alterations Part Number — L — P — F — A — V(VC) — C(CVC) — R(RE) — Tip size (K · S · G · Q) — (KC · WKC...etc.)

CPDJ -1EC6 - 50.00 - F40.00 - A5.00 - V3.10 - RE1.5 - G1.0 - HC8.0

CPDJB -1EC6 - 50.00 - P5.70 - F40.00 - A5.00 - V3.10 - RE1.5 - G1.0 - HC8.0

Alteration details P.443

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	KC	Single flat cutting (D or P) 2 ≤ KC < H/2			TC	Head thickness change TC = 0.1mm increments T/2 ≤ TC < T (Dimensions L and F remain unchanged.) T - TC ≤ Lmax. - L	
	WKC	Two flats cutting (D or P) 2 ≤ WKC < H/2	About Designation Unit for Key Flat Cutting		TRN	Relief under the head (No need for plate chamfering)	
	KAC	Varied width parallel flats cutting (D or P) 2 ≤ KAC < H/2 KBC = 0.1mm increments only KAC < KBC < H/2	(1) To align the key flat with the shaft diameter (Unit of designation Shaft diameter (D) selection type 0.5mm increments possible)		NHC	Numbering on the head How to order P.444 Combination with SKC not available.	
	KBC						
	RKC	Two flats (right angled) cutting (D or P) 2 ≤ RKC < H/2	(2) To designate arbitrary key flat dimensions (Unit of designation 0.1mm)		RR	Changes R (normally 0.2 or less) to R0.3~0.5. (Strength has been improved) [Designation method] RR Available for [Step] 1B/1C/1D (D or P) - A ≥ 1.0 [Step] When 1D, C ≥ 0.5	Quotation
	DKC	Three flats cutting (D or P) 2 ≤ DKC < H/2					
	SKC	Four flats cutting (D or P) 2 ≤ SKC < H/2			AC	Changes the standard angle (Ks = 45°) AC = 1° increments Available for [Step] 1C/1D 30 ≤ AC ≤ 60 Combination with CVC · RR not available [Step] When 1D, C ≤ 1.0, A + 2(C × tanAC) < (D or P)	
	KGC	Two flats (angled) cutting (D or P) 2 ≤ KGC < H/2 0 < AG < 360 AG = 1° increments			CVC	C dimension can be designated at 0.01mm increments. 0.50 ≤ CVC ≤ 1.00 Available for [Step] 1D CVC < (D or P) - A / 2 Combination with AC not available.	
	KTC	Three flats cutting at 120° (D or P) 2 ≤ KTC < H/2			VC	Vmin. is enlarged. VC = 0.01mm increments (ℓ ≤ A × 5, ℓ ≤ 50 (D or P) × 5) for [Step] 1A (D or P) > A ≥ VC Regarding D = 4.5 · Vmin, is the machining limit, and VC cannot be used.	
	HC	Head diameter change HC = 0.1mm increments (D or P) ≤ HC < H (In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.)			RE	R shape alteration (enlargement) RE = 0.5mm increments 0.5 ≤ RE ≤ 2.0 F tolerance is +0.05 Available for [Step] 1E	
	HCC	Head diameter change (precision) HCC = 0.1mm increments (D or P) + 0.5 ≤ HCC < H - 0.3					



Order