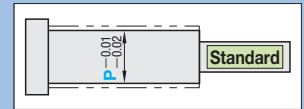


Dies Steel
SKD61 equivalent + Nitrided
P -0.01
 -0.02

TAPERLESS ONE-STEP CENTER PINS

—SHAFT DIAMETER (P) DESIGNATION (0.1mm INCREMENTS) TIP (A) TOLERANCE -0.02 TYPE—



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

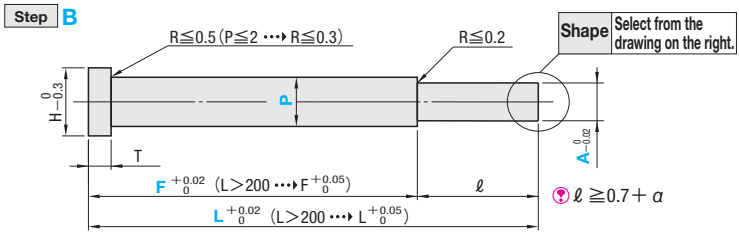


RoHS

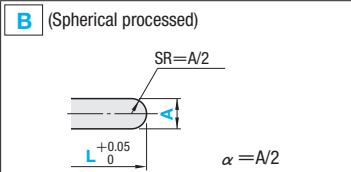
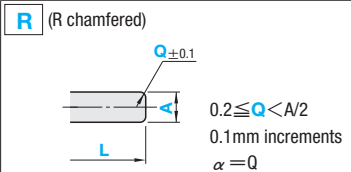
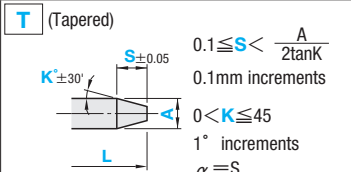
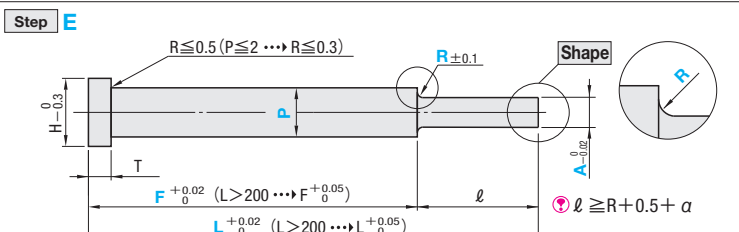
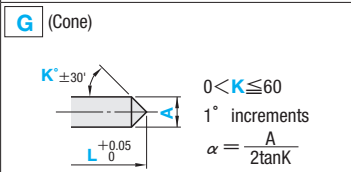
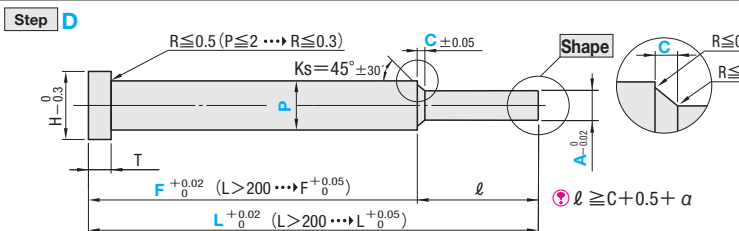
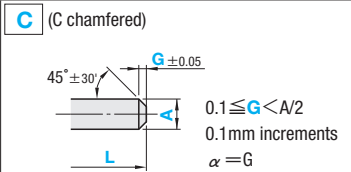
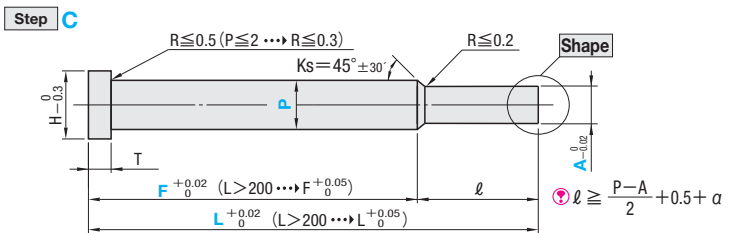
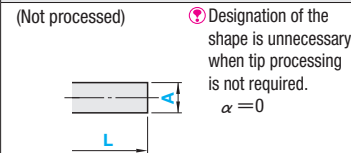
SKD61 equivalent + Nitrided Range of guaranteed shaft diameter precision (Details P.1305) Range of guaranteed surface hardness for nitriding (Details P.1308)
Surface 900HV Range of guaranteed base material hardness (Details P.1307) No nitriding on the tip (ℓ).
Base material 40~45HRC

Type	P	Head thickness (T)	Head Thickness (ℓ)	Applicable ejector sleeve hole tolerance
CPNSG-5	-0.01 -0.02	4mm (T4)	0 -0.02 ($L > 300$) ($\rightarrow T - \ell_{0.05}$)	$+0.01$ or H7
CPJSG-5	$P > 12$ $\rightarrow P - 0.01$ -0.03	6 · 8mm (JIS)	0 -0.05	Details P.1309

Step (Step type) Select from B~E in the drawing below.



Shape (Tip shape)



4mm head	JIS head		Part Number				0.01mm increments		0.01mm increments			0.01mm increments		ℓmax.		
	H	T	Type		Step	Shape	No.	L	P	F	A	Amin.	C · R			
4			CPNSG-5	CPJSG-5	B	C	G	T	R	B	70.00~400.00 (500.00)	1.5~1.9	0.70	Step D only		
5												2.5			2.0~2.4	ℓ ≤ 12XA and ℓ ≤ 35
6												3			2.5~2.9	
7												3.5			3.0~3.4	
8	8	6										4			3.5~3.9	
9	9	6										4.5			4.0~4.4	
10	10	6										5			4.5~4.9	
11	11	6										5.5			5.0~5.4	
15	15	8										6			5.5~5.9	
17	17	8										6.5			6.0~6.4	
20	20	8										7			6.5~6.9	
21	21	8										8			7.0~7.9	
												10			8.0~9.9	
												12			10.0~11.9	
												15			12.0~14.9	
												16			15.0~15.9	

Ⓜ Refer to the drawing for ℓmin. (normally, $\alpha = 0$) Ⓜ L dimension in () is CPJSG-5 only. Ⓜ [Step] E is $P \geq 2$

Alterations Part Number L P F A C(R) Tip size (K · S · G · Q) (KC · WKC...etc.)
 CPNSG-5ER6 350.00 P5.9 F330.00 A4.95 R0.5 Q1.0 KC3.0
 Alteration details P.381

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

Alterations	Code	Spec.	1Code
	HC	$HC = 0.1\text{mm increments}$ $P \leq HC < H$ In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.	Quotation
	HCC	$HCC = 0.1\text{mm increments}$ $P + 1 \leq HCC < H - 0.3$	
	TC	$TC = 0.1\text{mm increments}$ $T/2 \leq TC < T$ $T \cdot TC \leq L_{\text{max}}$ L (Dimensions L and F remain unchanged.)	
	NC	Dowel hole boring Available when $H \geq 4$ Combination with other than NHC · NHN · RR not available.	
	NCW	Dowel hole boring + Spring pin driving Available when $H \geq 4$ Combination with other than NHC · NHN · RR not available.	
	NHC	Numbering on the head How to order P.382 Available when $H \geq 2$	
	NHN	Automatic sequential numbering on the head How to order P.382 Available when $H \geq 2$	
	RR	Changes R (normally 0.2 or less) to R0.3~0.5 (Improves strength) [Designation method] RR Available for [Step] B · C · D $P - A \geq 1.0$ [Step] When D, $C \geq 0.5$	

P Price Quotation

Order Part Number L P F A C(R) Tip size (K · S · G · Q)
 CPNSG-5ER6 350.00 P5.9 F330.00 A4.95 R0.5 Q1.5

Days to Ship Quotation