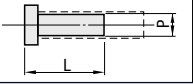


Dies Steel  
SKD61 equivalent  
+  
Nitriding

# STRAIGHT EJECTOR PINS WITH TIP PROCESS

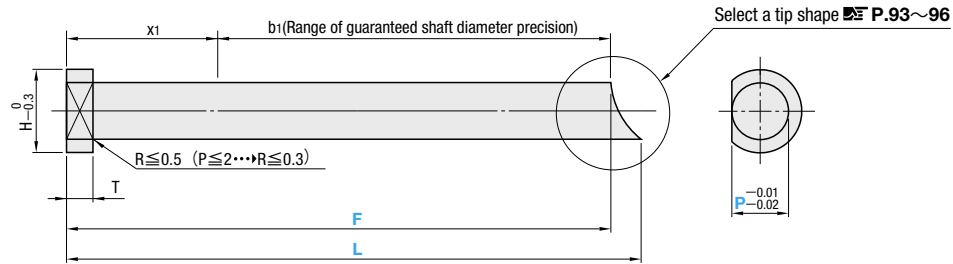
— L · P DIMENSION DESIGNATION TYPE —

L · P dimension designation type



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

RoHS



Ⓢ To determine the shape position, key flat cutting is made at the standard 0°

Range of guaranteed shaft diameter precision (Details [P.1301](#))

SKD61 equivalent + Nitrided  
Surface base: 900HV ~  
Base material: 40 ~ 45HRC

Part Number	Head thickness	T	P
EPNB□A	4mm(T4)	0 -0.02	-0.01 -0.02
EPJB□A	6 · 8mm(JIS)	0 -0.05	-0.01 -0.02

Head Thickness (T)	L	x1 max.
T4	50.00 ~ 300.00	30
JIS		35
T4	300.01 ~ 350.00	210
JIS		

Range of guaranteed base material hardness (Details [P.1303](#))

Range of guaranteed surface hardness for nitriding (Details [P.1303](#))



Alterations



Part Number — L — P — A · V · E · J · W · R · SR · F · G · K · Q — (AKC · AWC · etc.)  
EPJB2A 10 — 200.00 — P8.50 — V5.0 — G70 — TC6

Alterations	Code	Spec.	1Code
	AKC	AKC=1° increments 0 < AKC < 360 No need to designate AKCO	
	AWC	AWC=1° increments 0 ≤ AWC < 360	
	ARC	ARC=1° increments 0 ≤ ARC < 360	Quotation
	ADC	ADC=1° increments 0 ≤ ADC < 360	
	KGA	KGA=1° increments 0 < KGA < 360	
	KGB	KGB=1° increments 0 < KGB < 360	

Alteration details [P.53](#)

Alterations	Code	Spec.	1Code
	KAC KBC	Varied width parallel flats cutting P/2 ≤ KAC < H/2 KBC=0.1mm increments only KAC < KBC < H/2 Combination with other key flat cutting not available	
	HC	HC=0.1mm increments P+1 ≤ HC < H	
	TC	TC=0.1mm increments T/2 ≤ TC < T (Dimensions L and F remain unchanged) T - TC ≤ Lmax. - L	Quotation
	NHC	Numbering on the head How to order <a href="#">P.54</a>	
	NHN	Automatic sequential numbering on the head How to order <a href="#">P.54</a>	
	NKC	Without key flat cutting Available for tip shapes 6A · 9A · 11A · 12A · 13A · 30A Combination only with HC · TC · NHC · NHN available.	



Price

Quotation

4mm head		JIS head		Part Number			0.01mm increments		
H	T	H	T	Type		Tip shapes	No.	L	P
				4mm head	JIS head				
4				EPNB	EPJB	1A 11A 21A 31A	2	50.00 ~ 250.00	1.50 ~ 1.99
5						2A 12A 22A 32A	2.5		2.00 ~ 2.49
6						3A 13A 23A	3		2.50 ~ 2.99
7						4A 14A 24A	3.5		3.00 ~ 3.49
8	4	8	6			5A 15A 25A	4		3.50 ~ 3.99
9		9				6A 16A 26A	4.5		4.00 ~ 4.49
10		10				7A 17A 27A	5		4.50 ~ 4.99
11		11				8A 18A 28A	5.5		5.00 ~ 5.49
15		13				9A 19A 29A	6		5.50 ~ 5.99
17		15	8			10A 20A 30A	6.5		6.00 ~ 6.49
		17					7		6.50 ~ 6.99
							8		7.00 ~ 7.99
					10	8.00 ~ 9.99			
					12	10.00 ~ 11.99			

Ⓢ The shaped tip has the same hardness as its base material. Ⓢ Since nitriding is performed after P dimension machining, the head may also be nitrided.

Ⓢ Select the tip shape 1A~32A [P.93~96](#).

Ⓢ For JIS head type less than No.4 is T=4, please place the order for 4mm head type of [EPNB□A](#)



Order

Part Number — L — P — Sequence of A/V/E/J/W/R/SR/F/G/K/Q  
Type Tip shapes No.  
EPJB 2A 10 — 200.00 — P8.50 — V5.0 — G70



Days to Ship

Quotation