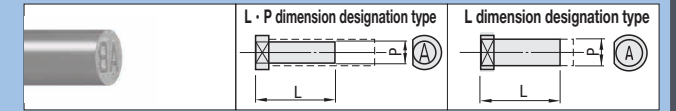


STRAIGHT EJECTOR PINS WITH ENGRAVING

—L DIMENSION DESIGNATION TYPE / L · P DIMENSION DESIGNATION · CONVEX CHARACTER TYPE—



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

RoHS

Part Number	Head thickness	P
EPH□ EPHB□	4mm(T4)	0 -0.005
EPHE□ EPHBE□		-0.01 -0.02

⚠ To determine the engraving position, key flat cutting is made at the standard 0°

Range of guaranteed shaft diameter precision (Details P.1301)
T4 → x1 max.30

SKH51 equivalent
58~60HRC
Range of guaranteed base material hardness (Details P.1303)

1T (1 character)

$1 \leq P \leq 4$

2T (2 characters)

$2 \leq P \leq 4$

Details of engraving

Parameter	Value
Width of engraving (a)	0.1×Q~0.2×Q
Angle of engraving (c°)	25°±2°
Depth of engraving (B)	0.05±0.01

Ejector pins	Finished products
Reversed reading (Convex character)	Normal reading (Concave character)

⚠ Designate characters in the right reading order to appear on the finished products.

L dimension designation type

H	T	Part Number		L	Characters for engraving (Round Gothic type)
		Type	Character		
3	4	EPH (P _{-0.005})	1T	1 1.1 1.2 1.3 1.4	40.00~200.00
				1.5	40.00~250.00
				1.6	40.00~250.00
				1.7 1.8 1.9	40.00~200.00
				2	40.00~250.00
				2.1	40.00~250.00
				2.2 2.3 2.4	40.00~200.00
				2.5	40.00~250.00
				2.6	40.00~250.00
				2.7 2.8 2.9	40.00~200.00
5	4	EPHE (P _{-0.01})	2T (P _{≥2})	3	40.00~250.00
				3.1	40.00~250.00
				3.2 3.3 3.4	40.00~200.00
				3.5 3.6	40.00~250.00
				3.7 3.8 3.9	40.00~200.00
				4	40.00~250.00

L · P dimension designation type

H	T	Part Number			0.01mm increments		Characters for engraving (Round Gothic type)
		Type	Character	No.	L	P	
3	4	EPHB (P _{-0.005})	1T	1.5	40.00~200.00	1.00~1.49	0 1 2 3 4
				2		1.50~1.99	5 6 7 8 9
				2.5		2.00~2.49	A B C D E
				3		2.50~2.99	F G H I J
5	4	EPHBE (P _{-0.01})	2T (P _{≥2})	3.5	40.00~250.00	3.00~3.49	K L M N O
				4		3.50~3.99	P Q R S T
							U V W X Y
							Z

Order

Part Number: EPH 1T 4 - 200.00 - A

Characters for engraving: (0~9) (A~Z)



Alterations: EPH1T 4 - 200.00 - A

Part Number: L

Characters for engraving: (0~9, A~Z)

(AKC · AWC...etc.) - AKC120

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	
	ADC	ADC=1° increments 0≤ADC<360	
	KGA	KGA=1° increments 0<KGA<360	
	KGB	KGB=1° increments 0<KGB<360	
	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	

Relationship between Shaft Diameter (P) and Character Size (Q, W)

No. of characters	P	Q	W
1T (1 character)	1.0~1.29	0.6	0.5
	1.3~1.49	0.6	0.5
	1.5~1.99	0.9	0.7
	2.0~2.49	1.3	0.8
	2.5~2.99	1.6	1.0
2T (2 characters)	3.0~3.49	1.9	1.2
	3.5~4	2.3	1.4
	2.0~2.49	1.0	1.4
	2.5~2.99	1.2	1.7
	3.0~3.49	1.5	2.1
3.5~3.99	1.7	2.4	
4	2	2.8	

Character font (Round Gothic type)



Alteration details P.53

Alterations	Code	Spec.	1Code
	TC	TC=0.1mm increments 2.0≤TC<4, P≥1.5 (Dimension L remains unchanged) 4-TC≤Lmax.-L	
	HC	HC=0.1mm increments P+1≤HC<H, P≥1.5	
	HCC	HCC=0.1mm increments P+1≤HCC<H-0.3, P≥1.5	
	NHC	Numbering on the head How to order P.54	
	NHN	Automatic sequential numbering on the head How to order P.54	

Quotation

Straight Ejector Pins

High Speed Steel SKH51 equivalent