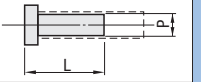


STRAIGHT EJECTOR PINS

— L · P DIMENSION DESIGNATION TYPE —

L · P Dimension Designation Type



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

RoHS

EPYB
EPHB
EPHJB

EPHBE
EPHJBE

Part Number	Head thickness	Tolerance
EPYB	4mm(T4)	0 -0.005
EPHB	6 · 8mm(JIS)	-0.01 -0.02
EPHJB	4mm(T4)	
EPHBE	6 · 8mm(JIS)	

Head thickness	L	x1 max.
T4 (Small diameter)	20.00 ~ 60.00	10
T4	40.00 ~ 200.00	30
JIS	40.00 ~ 200.00	35
T4	200.01 ~ 250.00	110
JIS	250.01 ~ 300.00	160
JIS	300.01 ~ 350.00	210

SKH51 equivalent
 58 ~ 60HRC
 Range of guaranteed base material hardness (Details P.1303)
 EPYB is applied with overall quenching (Head without annealing)

H	T	Part Number		L		P	
		Type	No.	0.01mm increments	0.005mm increments		
2	4	EPYB	0.4	20.00 ~ 60.00	0.300 ~ 0.395		
			0.5		0.400 ~ 0.495		
			0.6		0.500 ~ 0.595		
			0.7		0.600 ~ 0.695		
			0.8		0.700 ~ 0.795		
			0.9		0.800 ~ 0.895		
			1		0.900 ~ 0.995		

4mm head		JIS head		Part Number		0.01mm increments			
H	T	H	T	Type	No.	L	P		
3	4	-	-	EPHB (P _{-0.005})	0.5	40.00 ~ 100.00	0.40 ~ 0.49		
					0.6		0.50 ~ 0.59		
					0.7		0.60 ~ 0.69		
					0.8		0.70 ~ 0.79		
					0.9		0.80 ~ 0.89		
					1		0.90 ~ 0.99		
				1.5	40.00 ~ 200.00	1.00 ~ 1.49			
				2	40.00 ~ 250.00	1.50 ~ 1.99			
				2.5	40.00 ~ 300.00	2.00 ~ 2.49			
				3		2.50 ~ 2.99			
				3.5		3.00 ~ 3.49			
				4		3.50 ~ 3.99			
4.5	40.00 ~ 300.00(350.00)	4.00 ~ 4.49							
5	4.50 ~ 4.99								
5	8	-	-	EPHBE (P _{-0.01})	5.5	40.00 ~ 350.00	5.00 ~ 5.49		
6					5.50 ~ 5.99				
6.5					6.00 ~ 6.49				
7					6.50 ~ 6.99				
8					7.00 ~ 7.99				
10					8.00 ~ 9.99				
15				8	-	-	EPHJBE (P _{-0.01})	10	8.00 ~ 9.99
12								10.00 ~ 11.99	

ⓘ The L dimension enclosed in brackets () is applicable only for EPHB and EPHBE.
 ⓘ For JIS head type less than No.4 is T=4, please place the order for 4mm head type of [EPHB] (P_{-0.005}) / [EPHBE] (P_{-0.01})
 ⓘ When L dimension is 200.01 or more, make sure to check the range of guaranteed shaft diameter precision. (Details P.1301)
 ⓘ When the ejector pin's dimension L is less than 40, the guaranteed shaft diameter precision range may be too short for your particular application. For such application, use EPYB or core pins instead.

Alterations

Part Number
 EPHJB 5 - 350.00 - P4.72 - KC2.5

Quotation

Alterations	Code	Spec.	1Code
	VKC	Precision single flat cutting P/2 ≦ VKC < H/2	Quotation
	VWC	Precision two flats cutting P/2 ≦ VWC < H/2	
	KC	Single flat cutting P/2 ≦ KC < H/2	
	WKC	Two flats cutting P/2 ≦ WKC < H/2	
	KAC KBC	Varied width parallel flats cutting P/2 ≦ KAC < H/2 KBC = 0.1mm increments only KAC < KBC < H/2	
	RKC	Two flats (right angled) cutting P/2 ≦ RKC < H/2	
	DKC	Three flats cutting P/2 ≦ DKC < H/2	
	SKC	Four flats cutting P/2 ≦ SKC < H/2	
	KGC	Two flats (angled) cutting P/2 ≦ KGC < H/2 AG = 1° increments 0 < AG < 360	
	KTC	Three flats cutting at 120° P/2 ≦ KTC < H/2	

Alterations	Code	Spec.	1Code												
	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													
	TC	TC = 0.1mm increments T/2 ≦ TC < T, P ≧ 1.5 (Dimension L remains unchanged.) T - TC ≦ Lmax - L													
	NC	Dowel hole boring Available when H ≧ 4 Combination with other than NHC · NHN · TMC · GVC not available.	<table border="1" style="font-size: x-small;"> <tr><td>T</td><td>d</td><td>ℓ</td></tr> <tr><td>4</td><td>2</td><td>3</td></tr> <tr><td>6</td><td>3</td><td>5</td></tr> <tr><td>8</td><td>3</td><td>5</td></tr> </table>	T	d	ℓ	4	2	3	6	3	5	8	3	5
T	d	ℓ													
4	2	3													
6	3	5													
8	3	5													
	NCW	Dowel hole boring + Spring pin driving Available when H ≧ 4 Combination with other than NHC · NHN · TMC · GVC not available.	<table border="1" style="font-size: x-small;"> <tr><td>T</td><td>d</td><td>ℓ</td></tr> <tr><td>4</td><td>2</td><td>3</td></tr> <tr><td>6</td><td>3</td><td>5</td></tr> <tr><td>8</td><td>3</td><td>5</td></tr> </table>	T	d	ℓ	4	2	3	6	3	5	8	3	5
T	d	ℓ													
4	2	3													
6	3	5													
8	3	5													
	NHC	Numbering on the head How to order P.54 Available when H ≧ 2 Combination with SKC · MC not available.	Quotation												
	NHN	Automatic sequential numbering on the head How to order P.54 Available when H ≧ 2 Combination with SKC · MC not available.													
	TMC	Lapping on the tip face Available when P ≧ 0.6 Not available for EPYB.													
	GVC	S, B = 1mm increments 2 ≦ S ≦ 10, S + 5 ≦ B ≦ 30 Available when P ≧ 3													
	MC	Head tapping Available for EPHJB · EPHJBE when P ≧ 8.00 Combination with other than TMC · GVC not available.	<table border="1" style="font-size: x-small;"> <tr><td>P</td><td>M</td></tr> <tr><td>8.00 ~ 9.99</td><td>M4</td></tr> <tr><td>P10.00 ~ 11.99</td><td>M5</td></tr> </table>	P	M	8.00 ~ 9.99	M4	P10.00 ~ 11.99	M5						
P	M														
8.00 ~ 9.99	M4														
P10.00 ~ 11.99	M5														

Price

Quotation

Order

Part Number
 EPHJB 5 - 350.00 - P4.72

Days to Ship

Quotation