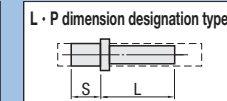
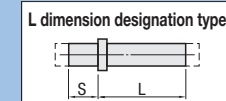


# FREE FLANGE POSITION STRAIGHT EJECTOR PINS WITH TIP PROCESS

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



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

RoHS

Select a tip shape from **P.181~184**

EP SH □ A    EP SH E □ A  
EP SH B □ A    EP SH B E □ A

Range of guaranteed shaft diameter precision (Details **P.1301**)  
 SKH51 equivalent  
 58~60HRC  
 Range of guaranteed base material hardness (Details **P.1303**)

Part Number	Head Thickness	T P
EP SH □ A (L dimension designation type)	4mm (T4)	0
EP SH B □ A (L · P dimension designation type)		-0.005
EP SH E □ A (L dimension designation type)		-0.01
EP SH B E □ A (L · P dimension designation type)		-0.02

Ⓢ Key flat is made on the standard 0° to determine the tip shape position.  
 Ⓢ Key flat cutting position is (D/2+0.1).

### L Dimension Designation Type

H	D	Part Number	0.01mm increments					
			Type	Tip shape	P	L	S	
3	1.5	EP SH (P <sup>-0.005</sup> ) EP SHE (P <sup>-0.02</sup> )		1A 12A 23A	1.5	50.00~150.00	5.00~40.00	
4	2			2A 13A 24A	2	50.00~200.00		
5	2.5			3A 14A 25A	2.5			
6	3			4A 15A 26A	3			
7	3.5			5A 16A 27A	3.5	50.00~250.00		5.00~50.00
	4			6A 17A 28A	4			
8	4.5			7A 18A 29A	4.5			
	5			8A 19A 30A	5			
9	5.5			9A 20A 31A	5.5			
	6			10A 21A 32A	6			
10	6.5	11A 22A	6.5					
	7		7					

Ⓢ Please select a tip shape of 1A~32A from **P.181~184**

### L · P Dimension Designation Type

H	D	Part Number	0.01mm increments					
			Type	Tip shape	No.	L	P	S
4	2	EP SH B (P <sup>-0.005</sup> ) EP SH B E (P <sup>-0.02</sup> )		1A 12A 23A	2	50.00~200.00	1.50~1.99	5.00~40.00
5	2.5			2A 13A 24A	2.5	2.00~2.49		
6	3			3A 14A 25A	3	2.50~2.99		
7	3.5			4A 15A 26A	3.5	3.00~3.49		
	4			5A 16A 27A	4	3.50~3.99		
8	4.5			6A 17A 28A	4.5	4.00~4.49		
	5			7A 18A 29A	5	4.50~4.99		
9	5.5			8A 19A 30A	5.5	5.00~5.49		
	6			9A 20A 31A	6	5.50~5.99		
10	6.5			10A 21A 32A	6.5	6.00~6.49		
	7	11A 22A	7	6.50~6.99				

Ⓢ Please select a tip shape of 1A~32A from **P.181~184**

Order

Part Number			L	P	S	Sequence of A · V · E · J · W · R · SR · F · G · K · Q
Type	Tip shape	PorNo.				
EP SH	1A	5	60.00		S10.00	G60
EP SH B	1A	5	117.32	P4.75	S26.30	G60

Alterations

Part Number	L	P	S	A · V · E · J · W · R · SR · F · G · K · Q	(AKC · AWC · etc.)
EP SH 1A5	60.00		S10.00		G60
EP SH B 1A5	117.32	P4.75	S26.30		G60

Alteration details **P.174**

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	

Alterations	Code	Spec.	1Code
	KGB	KGB=1° increments Ⓢ 0 < KGB < 360	
	HC	HC=0.1mm increments Ⓢ P+1 ≤ HC < H	
	TC	TC=0.1mm increments Ⓢ 2.0 ≤ TC ≤ 10 and TC ≤ F-10 (Dimensions L and S remain unchanged)	
	DC	DC=0.1mm increments Ⓢ P-1 ≤ DC < D and DC ≥ 1.5 Ⓢ Available for L · P Dimension designation type only. Ⓢ Only available combination is with HC · TC	
	NKC	Without key flat cutting Ⓢ Available for tip shapes 6A · 9A · 11A · 12A · 13A · 30A Ⓢ Only available combination is with HC · TC	

Price **Quotation**



**Quotation**