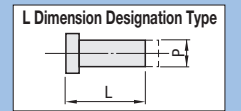
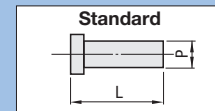


High Speed Steel
SKH51
equivalent
JIS head

STRAIGHT EJECTOR PINS

—STANDARD / L DIMENSION DESIGNATION TYPE—



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

RoHS

Part Number	Shapes	Head thickness	L	P	Tip Face Roughness
EPHJ	Standard	6 · 8mm (JIS)	+5	0 -0.005	-
EPHJE			+0.1	-0.01 -0.02	
EPHJ-L	L Dimension Designation Type	6 · 8mm (JIS)	+0.02	0 -0.005	-
EPHJE-L			L > 200 ... +0.05 0	-0.01 -0.02	

Range of guaranteed shaft diameter precision (Details [P.1301](#))
JIS ... x₁ max.35

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

Standard

H	T	Part Number		L Selection					
		Type	P	4	100	150	200	250	300
8	6	EPHJ (P ⁰ _{-0.005})	4	100	150	200	250	300	
			4.5	100	150	200	250	300	
			5	100	150	200	250	300	350
			5.5	100	150	200	250	300	350
			6	100	150	200	250	300	350
13	8	EPHJE (P ^{-0.01} _{-0.02})	6.5	100	150	200	250	300	350
			7	100	150	200	250	300	350
			8	100	150	200	250	300	350
			9	100	150	200	250	300	350
			10	100	150	200	250	300	350
			11	100	150	200	250	300	350
			12	150	200	250	300	350	

Ⓢ For JIS head type less than P4 is T=4, please place the order for 4mm head type of [EPH](#) (P⁰_{-0.005}) / [EPHE-B](#) (P^{-0.01}_{-0.02}) [P.55](#)

L Dimension Designation Type

H	T	Part Number		L
		Type	P	0.01mm increments
8	6	EPHJ-L (P ⁰ _{-0.005})	4	40.00~300.00
			4.5	
			5	
			5.5	
			6	
13	8	EPHJE-L (P ^{-0.01} _{-0.02})	6.5	
			7	
			8	
			9	
			10	
			11	
			12	

Ⓢ For JIS head type less than P4 is T=4, please place the order for 4mm head type of [EPH-L](#) (P⁰_{-0.005}) / [EPHE-L](#) (P^{-0.01}_{-0.02}) [P.57](#)

Order

Part Number — L

EPHJ4 — 200

EPHJ-L5 — 210.00

Days to Ship

Quotation

Alterations

Part Number — L — (KC · WKC...etc.)

EPHJ4 — 200 — TC3.0

EPHJ-L5 — 210.00 — TC5

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	Varied width parallel flats cutting P/2 ≤ KAC < H/2 KBC=0.1mm increments only KAC < KBC < H/2	
	KBC		
	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	

(1) To align the key flat with the shaft diameter
(Unit of designation) 0.05mm increments possible

(2) To designate arbitrary key flat dimensions
(Unit of designation) 0.1mm

Alteration details [P.53](#)

Alterations	Code	Spec.	1Code
	HC	HC=0.1mm increments P+1 ≤ HC < H	Quotation
	HCC	HCC=0.1mm increments P+1 ≤ HCC < H-0.3	
	TC	TC=0.1mm increments T/2 ≤ TC < T EPHJ, EPHJE ... Dimension L becomes shorter by (T-TC). EPHJ-L, EPHJE-L ... T-TC ≤ Lmax. - L (Dimension L remains unchanged.)	
	NC	Dowel hole boring ⊗ Combination with other than NHC · NHN · TMC · GVC not available.	
	NCW	Dowel hole boring + Spring pin driving ⊗ Combination with other than NHC · NHN · TMC · GVC not available.	
	NCS	Dowel hole boring + Dowel pin driving ⊗ Combination with other than NHC · NHN · TMC · GVC not available.	
	NHC	Numbering on the head How to order P.54 ⊗ Combination with SKC · MC not available	
	NHN	Automatic sequential numbering on the head How to order P.54 ⊗ Combination with SKC · MC not available	
	TMC	Lapping on the tip face Ⓢ Available for L dimension designation type only	
	GVC	S, B=1mm increments 2 ≤ S ≤ 10, S+5 ≤ B ≤ 30 Ⓢ Available for L dimension designation type only	
	MC	Head tapping Ⓢ Available when P ≥ 8 ⊗ Combination with other than TMC · GVC not available.	

Price

Quotation

Straight Ejector Pins

High Speed Steel SKH51 equivalent