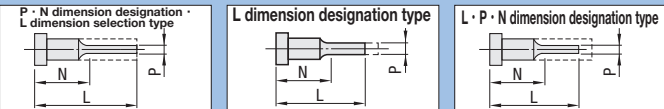


High Speed Steel
SKH51 equivalent
4mm head

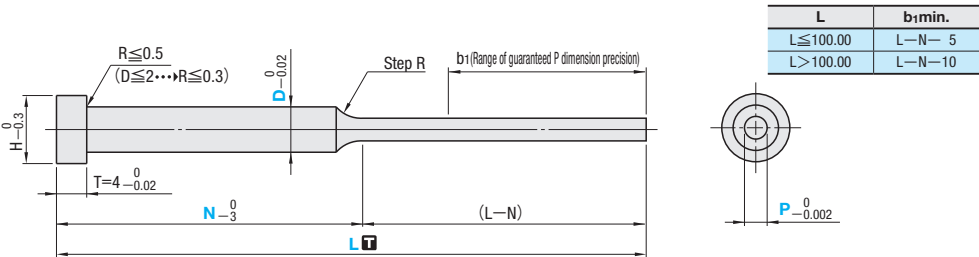
EXTRA PRECISION STEPPED EJECTOR PINS

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



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

RoHS



Part Number	Type	Head thickness	T L	T P	Tip Face Roughness
EVSG	P · N DIMENSION DESIGNATION · L DIMENSION SELECTION TYPE	4mm (T4)	+5 +0.1	0 -0.002	—
EVSL	L DIMENSION DESIGNATION TYPE	4mm (T4)	+0.01 0	0 -0.002	—
EVSF	L · P · N DIMENSION DESIGNATION TYPE	4mm (T4)	+0.01 0	0 -0.002	—

The heads of extra precision ejector pins are not annealed in order to guarantee precision. Use a construction that supports sliding and does not readily apply a load to the flange of the ejector pin, such as by using a precision ejector guide pin&bushing.

Range of guaranteed shaft diameter precision (D) (Details P.1301)
Step R (Details P.1302)
SKH51 equivalent
58~60HRC
Range of guaranteed base material hardness (Details P.1303)
Overall quenching
(No annealing on head)

P · N dimension designation · L dimension selection type

H	T	Part Number	L	P	N
Type	D	Selection	0.001mm increments	1mm increments	
3	1	60	0.300~0.900	100	(When L60 · 100)
		100	0.500~0.900	150	N<=15
		150	0.600~0.900	200	and (L-N)>=15
4	1.5	60	0.300~1.400	100	(When L150)
		100	0.500~1.400	150	N<=15
		150	0.600~1.400	200	and (L-N)>=50
5	2	100 150	0.800~1.900	250	
6	2.5	100 150	0.800~2.400	300	
	3	100 150	1.000~2.900	350	

L DIMENSION DESIGNATION TYPE

H	T	Part Number	L	P	N
Type	D	0.01mm increments	0.001mm increments	1mm increments	
3	1	50.00 ~ 60.00	0.3 0.4 0.5 0.6	30	
		60.01 ~ 100.00	0.5 0.6	40	
		100.01 ~ 150.00	0.6 0.8	50 60 70	
4	1.5	50.00 ~ 60.00	0.3 0.4 0.5 0.6	30	
		60.01 ~ 100.00	0.5 0.6 0.8	40	
		100.01 ~ 150.00	0.6 0.8 1.0	50 60 70	
5	2	60.00 ~ 100.00	0.8 1.0 1.2 1.5	40	
		100.01 ~ 150.00	1.0 1.5 2.0	50 60 70	
6	2.5	60.00 ~ 100.00	1.0 1.5 2.0	40	
		100.01 ~ 150.00	1.2 1.5 2.0	50 60 70	

L · P · N DIMENSION DESIGNATION TYPE

H	T	Part Number	L	P	N
Type	D	0.01mm increments	0.001mm increments	1mm increments	
3	1	50.00 ~ 100.00	0.300 ~ 0.900	100	(When L<=100.00)
		100.01 ~ 150.00	0.600 ~ 0.900	150	N<=15
		60.00 ~ 100.00	0.300 ~ 1.400	100	and (L-N)>=15
	1.5	100.01 ~ 150.00	0.600 ~ 1.400	150	
4	2	60.00 ~ 150.00	0.800 ~ 1.900	200	(When L>100.00)
5	2.5	60.00 ~ 150.00	0.800 ~ 2.400	250	N<=15
6	3	60.00 ~ 150.00	1.000 ~ 2.900	300	and (L-N)>=50



Order



Days to Ship

Part Number	L	P	N
EVSG 3	100	P2.900	N50
EVSL 3	150.00	P2.0	N70

Quotation



Alterations



Quotation

Part Number — L — P — N — (KC · WKC...etc.)
EVSL 2 — 150.00 — P1.5 — N70 — KTC1.5

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



Price

Quotation

Alteration details P.127

Alterations	Code	Spec.	1Code
	HC	HC=0.1mm increments D+1<=HC<H, D<=1.5	
	HCC	HCC=0.1mm increments D+1<=HCC<H-0.3, D<=1.5	
	TC	TC=0.1mm increments 2.0<=TC<4, D<=1.5 EVSL, EVSF... 4-TC<=Lmax.-L Dimension L remains unchanged Dimension N becomes shorter by (4-TC). EVSG... Dimension L becomes shorter by (4-TC).	
	TRN	Relief under the head	
	NHC	Numbering on the head How to order P.128 Combination with SKC not available.	
	NHN	Automatic sequential numbering on the head How to order P.128 Combination with SKC not available.	
	TMC	Lapping on the tip face Available when P<=0.6 Applicable to EVSL, EVSF only	
	PKC	Tolerance of tip change P-0.002...-0.003	

Quotation

Stepped Ejector Pins

High Speed Steel
SKH51
equivalent