

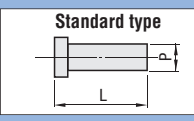
Dies Steel
SKD61
+
Nitrided

STRAIGHT EJECTOR PINS

— STANDARD —

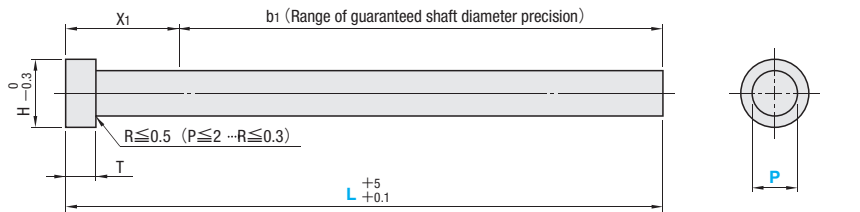


Printed in Red



The volume discount rate is also applicable to alteration cost.
All price & lead time are to be quoted.

RoHS



Range of guaranteed shaft diameter precision
T4 ...x1 max.30
JIS ...x1 max.35

Catalog No.	Head Thickness	T
EPN	4mm (T4)	0 -0.02
EPJ	6*8mm (JIS)	0 -0.05

L	P		
	1~13	15~20	25
L ≤ 500	-0.01 -0.02	-0.01 -0.03	-0.01 -0.04
L ≥ 600	-0.01 -0.03	-0.01 -0.03	-0.01 -0.05

SKD61+Nitrided
Surface : 900HV~
Base Materials : 40~45HRC
Range of guaranteed base material hardness
Range of guaranteed surface hardness for nitriding

4mm head		JIS head		Catalog No.		L Selection										
H	T	H	T	Type	P											
				4mm head	JIS head											
3				EPN	1 1.1 1.2 1.3 1.4	100 150										
4					1.5	100 150 200										
					1.6 1.7 1.8 1.9	100 150 200										
					2	100 150 200 250 300 350 400										
5					2.1 2.2 2.3 2.4	100 150 200 250 300										
					2.5	100 150 200 250 300 350 400										
6					2.6 2.7 2.8 2.9	100 150 200 250 300										
					3	100 150 200 250 300 350 400 450 500										
					3.1 3.2 3.3 3.4	100 150 200 250 300 350 400										
					3.5	100 150 200 250 300 350 400 450 500										
7				EPJ	3.6 3.7 3.8 3.9	100 150 200 250 300 350 400										
					4	100 150 200 250 300 350 400 (500)										
		8			*4.1 *4.2 *4.3 *4.4	200 300 400										
					4.5	100 150 200 250 300 350 400 (500)										
		9	6		*4.6 *4.7 *4.8 *4.9	200 300 400										
					5	100 150 200 250 300 350 400 500 (600)										
		10			*5.1 *5.2 *5.3 *5.4	200 300 400										
					5.5	100 150 200 250 300 350 400 500										
		11			*5.6 *5.7 *5.8 *5.9	200 300 400										
					6	100 150 200 250 300 350 400 500 (600) (700)										
		13		*6.1 *6.2 *6.3 *6.4	200 300 400											
		15		6.5	100 150 200 250 300 350 400 500 (600) (700)											
		17		7	100 150 200 250 300 350 400 500 (600) (700) (800) (900) (1000)											
		18		8	100 150 200 250 300 350 400 *450 500 (600) (700) (800) (900) (1000)											
		20		10	100 150 200 250 300 350 400 *450 500 (600) (700) (800) (900) (1000)											
		21		12*	100 150 200 250 300 350 400 *450 500 (600) (700) (800) (900) (1000)											
		25		(13)	100 150 200 250 300 350 400 500											
		30		15	100 150 200 250 300 350 400 *450 500 (600) (700) (800) (900) (1000)											
				16	100 150 200 250 300 350 400 500 (600) (700) (800) (900) (1000)											
				20	150 200 250 300 400 500 600 700 800 900 1000											
				25	200 300 400 500 600 700 800 900 1000											

The P dimension enclosed in brackets () is applicable only for EPN. If the P dimension of EPN or the L dimension of EPJ bears the * mark, it means that the product concerned will be dispatched on the third day.
The L dimension enclosed in brackets () is applicable only for EPJ. * Stock only available for EPJ.

Order Catalog No. — L
EPN 3 — 100

Delivery Printed in Red • L100~500
SGP Stock 3 Days

• L600~1000 • EPN (P dimension with * mark) • EPJ (L dimension with * mark)
5 Days Express T Express A P.i

For area out of Singapore please refer to P.i.

Stocks Availability Subjected to Prior Sales.



Alterations

Catalog No. — L — (KC · WKC...etc)

EPN 16 — 500 — NC

5 Days

Express T

Express A

P.i

For area out of Singapore please refer to P.i Express services not available for NHC·NHN

Alterations	Code	Spec.	Price	Alterations	Code	Spec.	Price
	KC	Single flat cutting P/2 ≤ KC < H/2	Quotation		HC	HC=0.1mm increments P+1 ≤ HC < H, P ≥ 1.5	Quotation
	WKC	Two flats cutting P/2 ≤ WKC < H/2			TC	TC=0.1mm increments T/2 ≤ TC < T, P ≥ 1.5 Dimension L becomes shorter (T-TC).	
	KAC KBC	Varied width parallel flats cutting P/2 ≤ KAC < H/2 KBC=0.1mm increments only KAC < KBC < H/2			NC	Dowel hole boring Available when H ≥ 4 Combination with other than NHC·NHN not available.	
	RKC	Two flats (right angled) cutting P/2 ≤ RKC < H/2			NCW	Dowel hole boring + Spring pin driving Available when H ≥ 4 Combination with other than NHC·NHN not available.	
	DKC	Three flats cutting P/2 ≤ DKC < H/2			NCS	Dowel hole boring + Dowel pin driving Available when H ≥ 4 Combination with other than NHC·NHN not available.	
	SKC	Four flats cutting P/2 ≤ SKC < H/2			NHC	Numbering on the head Combination with SKC not available.	
	KGC	Two flats (angled) cutting P/2 ≤ KGC < H/2 AG=1° increments 0 < AG < 360			NHN	Numbering on the head Combination with SKC not available.	
	KTC	Three flats cutting at 120° P/2 ≤ KTC < H/2					
		(1) To align the key flat with the shaft diameter					
		(2) To designate arbitrary key flat dimensions					

Quantity discount rate

Quantity	1~49	50~100
Rate	—	5%

Catalog No.		U/Price for 1~49													
Type	P	L100	L150	L200	L250	L300	L350	L400	L450	L500	L600	L700	L800	L900	L1000
EPN	1 1.1														
	1.2 1.3 1.4														
	1.5														
	1.6 1.7 1.8 1.9														
	2														
	2.1 2.2 2.3 2.4														
	2.5														
	2.6 2.7 2.8 2.9														
	3														
	3.1 3.2 3.3 3.4														
EPJ	3.5														
	3.6 3.7 3.8 3.9														
	4														
	4.1 4.2 4.3 4.4														
	4.5														
	4.6 4.7 4.8 4.9														
	5														
	5.1 5.2 5.3 5.4														
	5.5														
	5.6 5.7 5.8 5.9														
6															
6.1 6.2 6.3 6.4															
6.5															
7															
8															
10															
12															
13															
15															
16															
20															
25															

Quotation