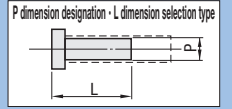


Dies Steel
SKD61 equivalent
+
Nitriding

STRAIGHT EJECTOR PINS

— P DIMENSION DESIGNATION · L DIMENSION SELECTION TYPE —



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

RoHS

Range of guaranteed shaft diameter precision (Details [P.1301](#))

Head thickness	L	x1 max.
T4	100~300	30
JIS	100~300	35
T4 · JIS	350	210

SKD61 equivalent + Nitrided
Surface base: 900HV~
Base materials: 40~45HRC
Range of guaranteed base material hardness (Details [P.1303](#))
Range of guaranteed surface hardness for nitriding (Details [P.1303](#))

P	
P ≤ 12.00	P > 12.00
-0.01	-0.01
-0.02	-0.03

Part Number	Head thickness	T
EPNG	4mm(T4)	0 -0.02
EPJG	6 · 8mm(JIS)	0 -0.05

4mm head		JIS head		Part Number		L Selection	P 0.01mm increments	
H	T	H	T	Type				
				4mm head	JIS head			No.
3						1.5	100 150 200	1.00~ 1.49
4						2	100 150 200 250 300 350	1.50~ 1.99
5						2.5		2.00~ 2.49
6						3	100 150 200 250 300 350	2.50~ 2.99
7						3.5		3.00~ 3.49
8		8		EPNG		4	100 150 200 250 300 350	3.50~ 3.99
8		9	6			4.5	100 150 200 250 300 350	4.00~ 4.49
9		10				5	100 150 200 250 300 350	4.50~ 4.99
10		11				5.5	100 150 200 250 300 350	5.00~ 5.49
11		13				6	100 150 200 250 300 350	5.50~ 5.99
15		15				6.5	100 150 200 250 300 350	6.00~ 6.49
17		17				7	100 150 200 250 300 350	6.50~ 6.99
20		20	8			8	100 150 200 250 300 350	7.00~ 7.99
21		21				10	100 150 200 250 300 350	8.00~ 9.99
		25				12	100 150 200 250 300 350	10.00~11.99
		30		15	100 150 200 250 300 350	12.00~14.99		
				17	100 150 200 250 300 350	15.00~15.99		
				20	150 200 250 300	16.00~19.99		
				25	200 300	20.00~24.99		

ⓘ Since nitriding is performed after P dimension machining, the head may also be nitrided.
ⓘ For JIS head type less than No.4 is T=4, please place the order for 4mm head type of [EPNG].

Order **Part Number** — **L** — **P**
EPJG 6 — 200 — P5.61

Days to Ship

Quotation

Alterations **Part Number** — **L** — **P** — (KC · WKC...etc.)
EPJG 4.5 — 200 — P4.23 — WKC2.115

Alterations	Code	Spec.	1Code
	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	

Alteration details [P.53](#)

ⓘ About Designation Unit for Key Flat Cutting

(1) To align the key flat with the shaft diameter
Unit of designation 0.005mm increments possible

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

Quotation

P Price **Quotation**

Alterations	Code	Spec.	1Code										
	HC	HC = 0.1mm increments P + 1 ≤ HC < H, P ≥ 1.5											
	TC	TC = 0.1mm increments T/2 ≤ TC < T, P ≥ 1.5 Dimension L becomes shorter by (T - TC) T - TC ≤ Lmax. - L											
	NC	Dowel hole boring Available when H ≥ 4 Combination with other than NHC · NHN not available.	<table border="1"><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></table>	T	d	ℓ	4	2	3	6	3	5	
T	d	ℓ											
4	2	3											
6	3	5											
	NCW	Dowel hole boring + Spring pin driving Available when H ≥ 4 Combination with other than NHC · NHN not available.	<table border="1"><tr><td>T</td><td>d</td><td>ℓ₁</td></tr><tr><td>4</td><td>2</td><td>3</td></tr><tr><td>6</td><td>3</td><td>5</td></tr></table>	T	d	ℓ ₁	4	2	3	6	3	5	
T	d	ℓ ₁											
4	2	3											
6	3	5											
	NCS	Dowel hole boring + Dowel pin driving Available when H ≥ 4 Combination with other than NHC · NHN not available.	<table border="1"><tr><td>T</td><td>d</td><td>ℓ₂</td></tr><tr><td>4</td><td>2</td><td>3</td></tr><tr><td>6</td><td>3</td><td>5</td></tr></table>	T	d	ℓ ₂	4	2	3	6	3	5	
T	d	ℓ ₂											
4	2	3											
6	3	5											
	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.											
	MC	Head tapping Available when P ≥ 8.00 for EPJG Combination with any other alteration not available.	<table border="1"><tr><th>P</th><th>M</th></tr><tr><td>8.00~ 9.99</td><td>M4</td></tr><tr><td>10.00~11.99</td><td>M5</td></tr><tr><td>12.00~15.99</td><td>M6</td></tr><tr><td>16.00~24.99</td><td>M8</td></tr></table>	P	M	8.00~ 9.99	M4	10.00~11.99	M5	12.00~15.99	M6	16.00~24.99	M8
P	M												
8.00~ 9.99	M4												
10.00~11.99	M5												
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Straight Ejector Pins

Dies Steel SKD61 equivalent + Nitriding