

Dies Steel  
SKD61 equivalent  
+  
Nitrided

For Large Size  
P · W<sub>-0.02</sub><sup>0</sup>  
Free designation

# RECTANGULAR EJECTOR PINS FOR LARGE MOLD

— FREE DESIGNATION TYPE —

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

RoHS

Part Number	Head Thickness	P · W
ERNX	6 · 8mm(JIS)	<sup>0</sup> <sub>-0.02</sub>

ⓘ Range of guaranteed shaft diameter precision (D) (Details P.1301)  
ⓘ Step R (Details P.1302)

SKD61 equivalent + Nitrided  
Surface 900HV~ Base material 40~45HRC  
Range of guaranteed of nitrided surface hardness (Details P.1303)

ⓘ This product is not polished after nitriding.  
There is hardly any color unevenness, and no problem with the quality.

Order **Part Number** — **L** — **P** — **W** — **N**  
ERNX15 — 505.00 — P10.00 — W5.00 — N170

Days to Ship **Quotation**

Alterations **Part Number** — **L** — **P** — **W** — **N** — (AKC · AWC...etc.)  
ERNX15 — 505.00 — P10.00 — W5.00 — N170 — AKC 0

Alteration details P.195

Alterations	Code	Spec.	1Code
	AKC	AKC=1° increments 0 ≤ AKC < 360 When combined with KSA/WSA, 90° increments only.	Quotation
	AWC	AWC=1° increments 0 ≤ AWC < 360 When combined with KSA/WSA, 90° increments only.	
	ARC	ARC=1° increments 0 ≤ ARC < 360 When combined with KSA/WSA, 90° increments only.	
	ADC	ADC=1° increments 0 ≤ ADC < 360 When combined with KSA/WSA, 90° increments only.	
	KGA	KGA=1° increments 0 < KGA < 360	
	KGD	KGD=1° increments 0 < KGD < 360	
	HC	HC=0.1mm increments D+1 ≤ HC < H	
	HCC	HCC=0.1mm increments D+1 ≤ HCC < H-0.3	
	WSA	WSA=0.1mm increments W/2+0.1 ≤ WSA ≤ D/2-0.1	

Alterations	Code	Spec.	1Code												
	TC	TC=0.1mm increments 4.0 ≤ TC < T (Dimensions L and N remain unchanged) T-TC ≤ Lmax.-L	Quotation												
	NC	Dowel hole boring NC=90° increments Combination with other than NHC · NHN not available. ※ How to order and detailed specifications P.195													
	NCW	Dowel hole boring+Spring pin driving NCW=90° increments Combination with other than NHC · NHN not available. ※ How to order and detailed specifications P.195													
	NHC	Numbering on the head ※ How to order and detailed specifications P.196													
	NHN	Automatic sequential numbering on the head ※ How to order and detailed specifications P.196													
	CSW	C-chamfering processing at 2 corners of the blade (except tip) for relief. [Designation method] CSW1—E25													
	CSF	C-chamfering processing at 4 corners of the blade (except tip) for relief. [Designation method] CSF0.5—E30													
		<table border="1"> <tr> <td colspan="2">CSW, CSF: Range of designation</td> </tr> <tr> <td>W</td> <td>CSW, CSF</td> </tr> <tr> <td>1.0 ≤ W &lt; 1.5</td> <td>0.3</td> </tr> <tr> <td>W ≥ 1.5</td> <td>0.5</td> </tr> <tr> <td></td> <td>1</td> </tr> <tr> <td></td> <td>1.5</td> </tr> </table> <p>ⓘ CSW, CSF &lt; W/2 E=1mm increments ⓘ 5 ≤ E ≤ (L-N)-20</p>		CSW, CSF: Range of designation		W	CSW, CSF	1.0 ≤ W < 1.5	0.3	W ≥ 1.5	0.5		1		1.5
CSW, CSF: Range of designation															
W	CSW, CSF														
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	1														
	1.5														

H	T	Part Number		0.01mm increments			K max.	N 1mm increments
		Type	D	L	P	W		
8	6	ERNX	4	200.00~350.00	2.00~3.70	1.00~	3.9	N ≥ 40 and (L-N) ≤ 200
9			5		2.50~4.70	1.00~	4.9	
10			6		3.00~5.50	2.00~	5.9	
11			7		3.30~6.60	2.00~	6.9	
13			8		3.30~7.60	2.00~	7.9	
15	8		10	200.00~500.00	5.00~9.60	2.00~	9.9	• D6~8 • D10~16 N ≥ 50 • D20 · 25 N ≥ 55 and N ≥ L/3 350 ≥ (L-N) ≥ 10
17			12		6.00~11.70	2.00~	11.9	
18			13		6.00~12.70	2.00~	12.9	
20			15		8.00~14.70	2.00~	14.9	
21			16		8.00~15.70	2.00~	15.9	
25			20		10.00~19.70	2.00~	19.9	
30			25		13.00~24.70	2.50~	24.9	

ⓘ Designate P · W dimensions within the Kmax.  $K = \sqrt{P^2 + W^2}$  ⓘ  $P \geq W$

### Precision Standard

Squareness of the tip corner	Corner R value of the tip corner
 W plane as the base $(P_{max.} - P_{min.}) \leq 0.02$	 $R_{max.} \leq 0.03$ (Trimming R) ⓘ The tip corners have been slightly trimmed to measure the P · W dimensions. (Details P.1313)

Price

Quotation

Rectangular Ejector Pins

Dies Steel SKD61 equivalent + Nitrided

For Large Size P · W<sub>-0.02</sub><sup>0</sup> Free designation