Dies Steel
SKD61 equivalent
+
Nitrided

For Large Size
P・W$_{-0.02}^{0}$
Standard・L dimension designation

RECTANGULAR EJECTOR PINS FOR LARGE MOLD

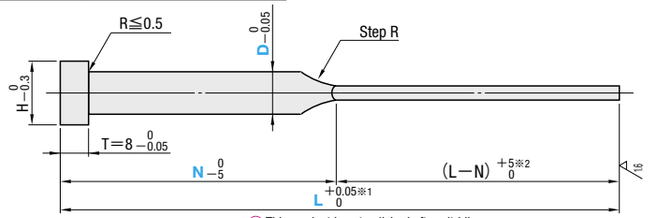
— STANDARD・L DIMENSION DESIGNATION TYPE —

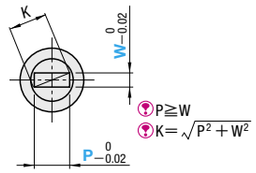
Non JIS material definition is listed on P.1351 - 1352

RoHS

Part Number	Head Thickness	T P・W
ERNXB (Standard) ERNXL (L dimension designation type)	8mm	$^{0}_{-0.02}$

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





※1 ERNXB is $^{+5}_{+0.1}$
※2 ERNXB is $^{+10}_{0}$

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

M SKD61 equivalent+Nitrided
H Surface 900HV～ Base material40～45HRC
Range of guaranteed surface hardness for nitriding (Details Right page)

Order

Part Number	L	P	W	N
ERNXL13	205.00	P10.0	W5.0	N120

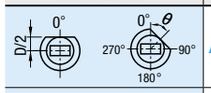
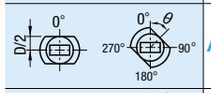
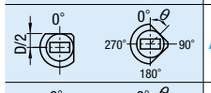
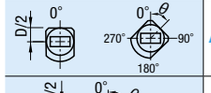
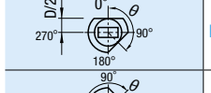
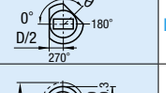
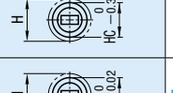
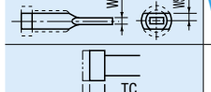
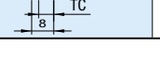
Days to Ship

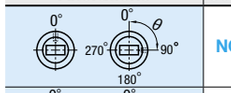
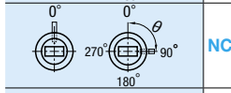
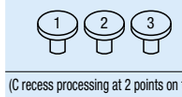
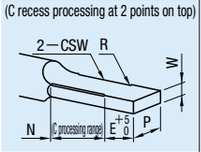
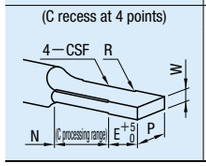
Quotation

Alterations

Part Number	L	P	W	N	(AKC・AWC…etc.)
ERNXL13	205.00	P10.0	W5.0	N120	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.	
	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	Quotation
	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	
	TC	TC=0.1mm increments 4.0≦TC<8 Dimensions L and N become shorter by (8−TC). (ERNXB) Dimensions N becomes shorter by (8−TC). (ERNXL) (Dimension L remains unchanged.) 8−TC≦Lmax.−L	

Alterations	Code	Spec.	1Code
	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 P.196	
	NHN	Automatic sequential numbering on the head How to order P.196	Quotation
(C recess processing at 2 points on top) 	CSW	C chamfering processing at 2 points on top (except tip) for relief is performed. Designation method CSW1−E25	
(C recess at 4 points) 	CSF	C chamfering processing at 4 points (except tip) for relief is performed. Designation method CSF0.5−E30	

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<W/2

E=1mm increments
5≦E≦(L−N)−20

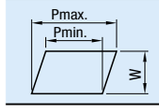
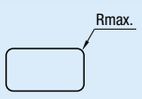
Available for ERNXL only

H	T	Part Number Type	D	L	P	W	N
15	8	ERNXB (Standard)	10	200 300 400	7.0 8.0	2.0 3.0 4.0 5.0	80 100 100 120 150 130 150 160
17			12	200 300 400	10.0	2.0 3.0 4.0 5.0 6.0	80 100 100 120 150 130 160 180
18			13	200 300 400	10.0	3.0 4.0 5.0 6.0 7.0	80 100 120 130 150 160 180
20			15	300 400 500	10.0 12.0	4.0 5.0 6.0 7.0 8.0	100 120 160 180 230
21			16	300 400 500	14.0	4.0 5.0 6.0	100 120 130 180 230 230 260 300
25			20	300 400 500	16.0 17.0	7.0 8.0 10.0	100 120 130 160 230 260 230 260 300

H	T	Part Number Type	D	L 0.01mm increments	P	W	N
15	8	ERNXL (L dimension designation type)	10	200.00～300.00 300.01～400.00	7.0 8.0	2.0 3.0 4.0 5.0	100 120 150 130 150 160
17			12	200.00～300.00 300.01～400.00	10.0	2.0 3.0 4.0 5.0 6.0	100 120 150 130 160 180
18			13	200.00～300.00 300.01～400.00	10.0	3.0 4.0 5.0 6.0 7.0	120 130 150 160 180
20			15	200.00～300.00 300.01～400.00 400.01～500.00	10.0 12.0	4.0 5.0 6.0 7.0 8.0	100 120 160 180 230
21			16	200.00～300.00 300.01～400.00 400.01～500.00	14.0	4.0 5.0 6.0	100 120 130 180 230 230 260 300
25			20	200.00～300.00 300.01～400.00 400.01～500.00	16.0 17.0	7.0 8.0 10.0	100 120 130 160 230 260 230 260 300

L−N≧10

■ Precision Standard

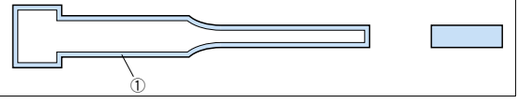
Squareness of the tip corner	Corner R value of the tip corner
 W plane as the base (Pmax.−Pmin.)≦0.02	 Rmax.≦0.03 (Trimming R) The tip corners have been slightly trimmed to measure the P・W dimensions. (Details P.1313)

P Price Quotation

■ Guaranteed Ranges of Nitriding and Surface Hardness

RECTANGULAR EJECTOR PINS FOR LARGE MOLD

※ Cross-sectional view



M	Ejector Pin Surface Hardness ①(Guaranteed range of nitrided surface hardness)
SKD61 equivalent + Nitrided	900HV～