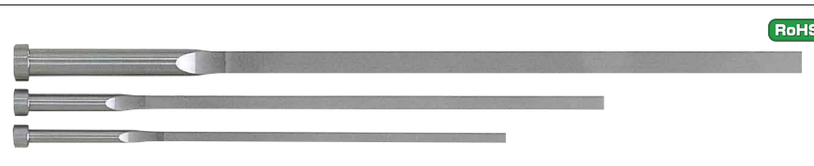
R-CHAMFERED RECTANGULAR EJECTOR PINS FOR LARGE MOLD

—FREE DESIGNATION TYPE—

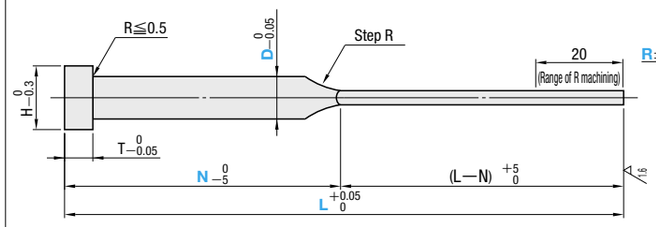
Non JIS material definition is listed on P.1351 - 1352



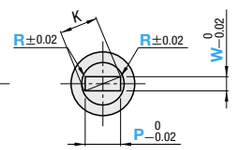
RoHS

Part Number		Head Thickness	T P・W
2 places on the upper side are rounded.	4 places are rounded.		
ERNXWR	ERNXFR	6・8mm(JIS)	$_{-0.02}^{0}$

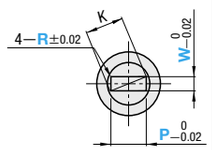
Range of guaranteed shaft diameter precision (D) (Details P.1301)
Step R (Details P.1302)



ERNXWR
(2 places on the upper side are rounded.)



ERNXFR
(4 places are rounded.)



P≧W
K=$\sqrt{P^2+W^2}$ (Dimension before R processing)

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

R tolerance has been changed to ±0.02.
This product is not polished after nitriding.
There is hardly any color unevenness, and no problem with the quality.

Order

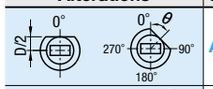
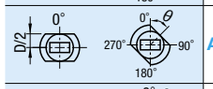
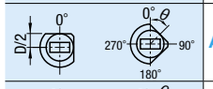
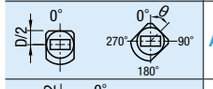
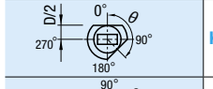
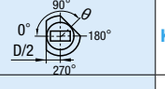
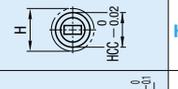
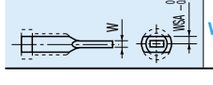
Part Number	L	P	W	R	N
ERNXWR13	420.00	P10.00	W5.00	R0.15	N170

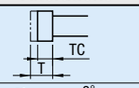
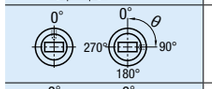
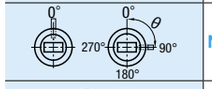
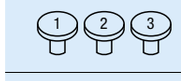
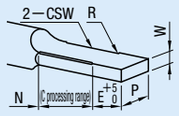
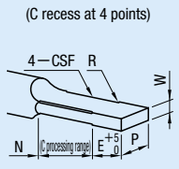
Days to Ship — Quotation

Alterations

Part Number	L	P	W	R	N	(AKC・AWC…etc.)
ERNXWR13	420.00	P10.00	W5.00	R0.15	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.	
	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.	Quotation
	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	
	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	Quotation
(C recess processing at 2 points on top) 	CSW	C-chamfering processing at 2 corners of the blade (except tip) for relief. Designation method CSW1—E25	
(C recess at 4 points) 	CSF	C-chamfering processing at 4 corners of the blade (except tip) for relief. Designation method CSF0.5—E30	

CSW, CSF: Range of designation

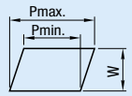
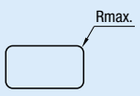
W	CSW,CSF
1.0≦W<1.5	0.3
W≧1.5	0.5
	1
	1.5

CSW,CSF<W/2
E=1mm increments
5≦E≦(L−N)−20
R process range P.196

H	T	Part Number Type	D	0.01mm increments L	P	W	R	K max.	N 1mm increments
8	6	ERNXWR (2 places on the upper side are rounded.) ERNXFR (4 places are rounded.)	4	200.00～350.00	2.00～ 3.70	1.00～	0.1	3.9	N≧40 and (L−N)≦200
9			5		2.50～ 4.70	1.00～		4.9	
10			6	200.00～450.00	3.00～ 5.50	2.00～	0.15	5.9	
11			7		3.30～ 6.60	2.00～	0.2	6.9	・D6～8 N≧45
13	8		8		3.30～ 7.60	2.00～	0.3	7.9	・D10～16 N≧50
15			10		5.00～ 9.60	2.00～	0.5	9.9	・D20 N≧55
17			12		6.00～11.70	2.00～	0.7	11.9	and N≧L/3
18			13		6.00～12.70	2.00～	R≦W/2−0.05	12.9	350≧(L−N)≧10
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	

Designate P・W dimensions within the Kmax. K=$\sqrt{P^2+W^2}$ (Dimension before R processing)
P≧W

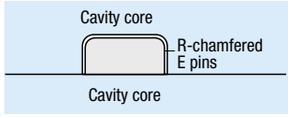
■ Precision Standard

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) Corner R value outside R processing range The tip corners have been slightly trimmed to measure the P・W dimensions. (Details P.1313)

Price — Quotation

Example

① Separable Piece



② Cavity core in wire hole.