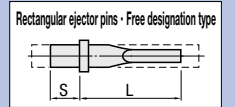


RECTANGULAR EJECTOR PINS WITH FREE FLANGE POSITION



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

RoHS

ERSH

ERSHE

※ Range of guaranteed shaft diameter precision (Details P.1301)

※ Step R (Details P.1302)

SKH51 equivalent

58~60HRC

Range of guaranteed base material hardness (Details P.1303)

Part Number	Head Thickness	T P · W
ERSH	4mm	0 -0.005
ERSHE	(T4)	0 -0.01

H	D1	Part Number Type	0.01mm increments					K max.	N 1mm increments	N min.				
			D	L	S	P	W							
3	1	ERSH ERSHE	1	50.00~100.00	5.00~40.00	0.30~0.80	0.30~	30 ≤ (L-N) ≤ 50	23					
	1.5		0.60~1.30											
4	2		0.80~1.80											
5	2.5		0.80~2.30											
6	3		0.80~2.80											
7	3.5		3.5		1.00~3.30	5.00~50.00				5.00~50.00	1.00~3.80	0.40~	30 ≤ (L-N) ≤ 150	26
	4		4		1.20~4.30									
8	4.5		4.5		1.50~4.80									
9	5		5		1.80~5.30									
6	5.5		5.5		2.00~5.80	0.50~					31			
9	6	6				5.9		33						

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

Order Part Number — L — S — P — W — N
ERSH 5 — 150.00 — S10.00 — P3.00 — W2.00 — N80

Days to Ship **Quotation**

Price **Quotation**

Precision Standard	
<p>Squareness of the tip corner</p>	<p>W plane as the base</p> <ul style="list-style-type: none"> ERSH (Pmax. - Pmin.) ≤ 0.01 ERSHE (Pmax. - Pmin.) ≤ 0.02
<p>Corner R value of the tip corner</p>	<p>Rmax. ≤ 0.03 (Trimming R)</p> <p>The tip corners have been slightly trimmed to measure the P · W dimensions. (Details P.1313)</p>

Alterations Part Number — L — S — P — W — N — (HC · TC · etc.)
ERSH 5 — 150.00 — S10.00 — P3.00 — W2.00 — N80 — TC3.0

Alterations	Code	Spec.	1Code
	VAK	VAK=45° increments 0 ≤ VAK < 360 Combination with KSA/WSA not available.	
	VAW	VAW=45° increments 0 ≤ VAW < 360 Combination with KSA/WSA not available.	
	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	
	KGD	KGD=1° increments 0 < KGD < 360	
	HC	HC=0.1mm increments D+1 ≤ HC < H, D ≥ 1.5	
	HCC	HCC=0.1mm increments D+1 ≤ HCC < H-0.3, D ≥ 1.5	

Alteration details P.174 · P.195

Alterations	Code	Spec.	1Code
	KSA	KSA=0.1mm increments W/2+0.1 ≤ KSA ≤ D/2-0.1 D ≥ 1.5	
	WSA	WSA=0.1mm increments W/2+0.1 ≤ WSA ≤ D/2-0.1 D ≥ 1.5	
	TC	TC=0.1mm increments 2.0 ≤ TC ≤ 4 (Dimensions L, N and S remain unchanged.)	
	CSW	C chamfering processing at 2 points on top (except tip) for relief is performed. (Designation method) CSW1—E25	Quotation
	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

$P \geq 1.5$
 $CSW, CSF < W/2$
 $E = 1\text{mm increments}$
 $0 \leq E \leq (L-N) - 20$

Example Rectangular ejector pins with free flange position can be ejected in differential time. The molding products can be slowly ejected by the depth of counter bore Z (Fig.1).

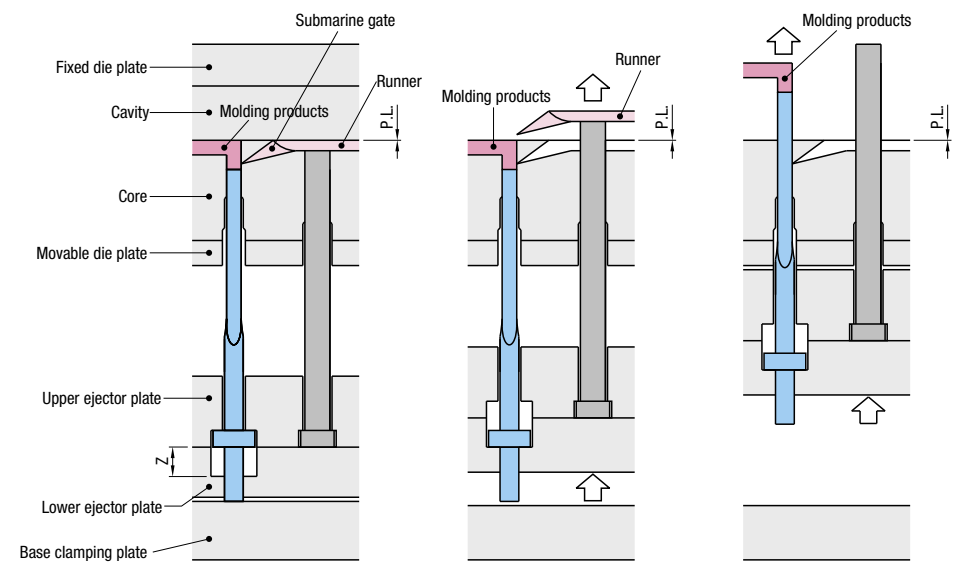


Fig. 1 · Mold closed Fig. 2 · Mold opening Fig. 3 · Mold opened