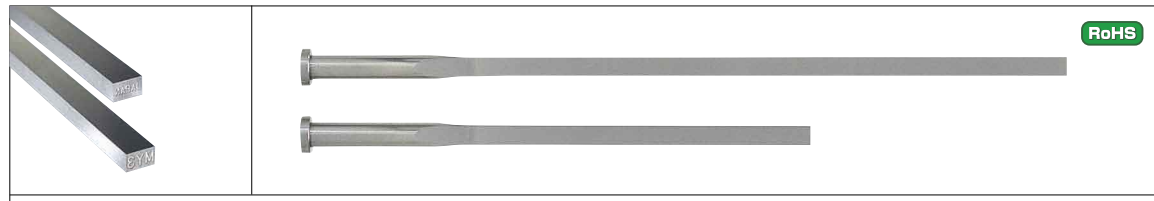


High Speed Steel
SKH51 equivalent

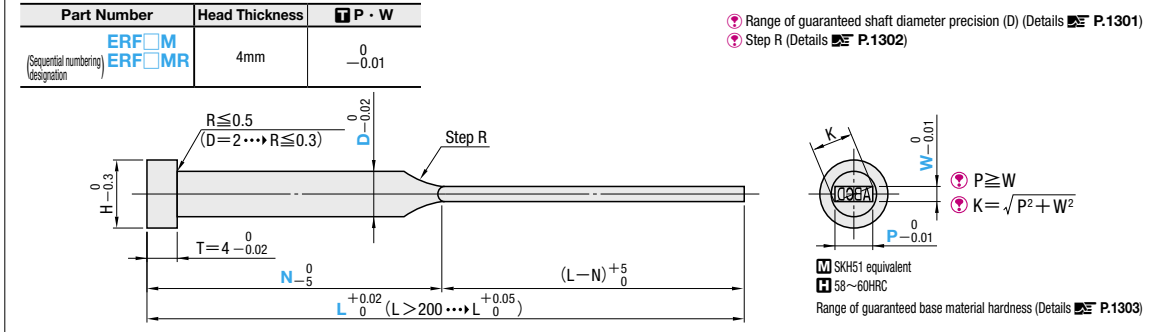
With Engraving
P · W_{-0.01}
Free designation

RECTANGULAR EJECTOR PINS WITH ENGRAVING

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



RoHS



1M · 1MR (1 character)	2M · 2MR (2 characters)	3M (3 characters)	4M (4 characters)	5M (5 characters)
0.80 ≤ P ≤ 10.30	2.30 ≤ P ≤ 10.30	3.10 ≤ P ≤ 10.30	3.90 ≤ P ≤ 10.30	5.00 ≤ P ≤ 10.30

Alterations: ERF3M 5 - L20.25 - P3.50 - W1.5 - N60 - Characters for engraving (0~9, A~Z, /, >, <, +, -, ·, ···) (AKC · AWC ··· etc.) MY3 - AWC 60

Quotation

Alterations	Code	Spec.	Code
	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	Quotation
	HC	HC=0.1mm increments D+1 ≤ HC < H	
	HCC	HCC=0.1mm increments D+1 ≤ HCC < H-0.3	
	KSA	KSA=0.1mm increments W/2+0.1 ≤ KSA ≤ D/2-0.1	
	WSA	WSA=0.1mm increments W/2+0.1 ≤ WSA ≤ D/2-0.1	

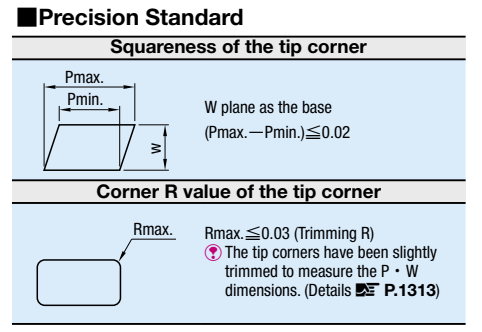
Alterations	Code	Spec.	Code
	TC	TC=0.1mm increments 2.0 ≤ TC < 4 (Dimensions L and N remain unchanged) 4 - TC ≤ Lmax. - L	
	NC	Dowel hole boring NC=90° increments Combination with other than NHC · NHN not available. How to order and detailed specifications P.195	
	NCW	Dowel hole boring + Spring pin driving 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 P.196	
	NHN	Automatic sequential numbering on the head How to order P.196	
	CSW	C chamfering processing at 2 points on top (except tip) for relief is performed. [Unit of designation] CSW1 - E25	Quotation
	CSF	C chamfering processing at 4 points (except tip) for relief is performed. [Unit of designation] CSF0.5 - E30	Quotation

H	Part Number		0.01mm increments			Kmax.	N 1mm increments	Nmin.	Characters for engraving (Round Gothic type)	
	Type	Character	D	L	P					W
4	ERF	Sequential numbering designation	2	40.00~250.00	0.80~1.70	0.30~	1.9	23	0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	
5			2.5		0.80~2.20					2.4
6			3		1.00~2.70					2.9
7			3.5		1.00~3.20					3.4
8			4		1.00~3.70					3.9
9			4.5		1.20~4.20					4.4
10			5		1.50~4.80					4.9
11			5.5		1.80~5.30					5.4
14			6		2.00~5.80					5.9
15			6.5		2.00~6.30					6.4
17			7	2.30~6.80	6.9					
			8	2.30~7.80	7.9					
			8.5	2.30~8.30	8.4					
			10	3.00~9.80	9.9					
			10.5	3.00~10.30	10.4					

Designate P · W dimensions within the Kmax. $K = \sqrt{P^2 + W^2}$ $P \geq W$
 Use / for indicating slash, # for minus, % for space, @ for centered dot, and & for period.
 1MR and 2MR are sequential numbering designation. In the case of bulk order of two or more ejector pins with the same size, the sequential numbering engraving is performed.
 In case of 1MR, "0" is next to "9" while "A" is next to "Z".
 In case of 2MR, the ones digit is sequential, and if next to "9" or "Z", it starts from "0" or "A" while the tens digit is increased by one.
 In case of 1MR and 2MR, other engraving characters cannot be used for designation.

When placing the order for 5 pieces of ERF1MR2-150-P1.5-W0.5-N70-1, characters for engraving "1 2 3 4 5"
 When placing the order for 3 pieces of ERF1MR3-150-P2.5-W1.2-N70-Z, characters for engraving "Z A B"
 When placing the order for 4 pieces of ERF2MR4-100-P3.0-W2.0-N50-01, characters for engraving "01 02 03 04"
 When placing the order for 4 pieces of ERF2MR4-100-P3.5-W2.2-N50-A8, characters for engraving "A8 A9 B0 B1"
 When placing the order for 6 pieces of ERF2MR6-150-P5.0-W2.6-N70-, characters for engraving "1X 1Y 1Z 2A 2B 2C"

P (Horizontal size)	W (Vertical size)	Q (Character Height)	Z(Character Width)				
			1M · 1MR (1 character)	2M · 2MR (2 characters)	3M (3 characters)	4M (4 characters)	5M (5 characters)
0.30~0.39	0.2	0.1	0.6	0.9	1.2	1.5	
0.40~0.49	0.25	0.15	0.65	1	1.3	1.65	
0.50~0.59	0.35	0.2	0.75	1.15	1.5	1.9	
0.60~0.79	0.4	0.2	0.8	1.2	1.6	2	
0.80~0.99	0.6	0.3	1	1.5	2	2.5	
1.00~1.29	0.8	0.4	1.2	1.8	2.4	3	
1.30~1.49	1.0	0.5	1.4	2.1	2.9	3.7	
1.50~1.99	1.2	0.6	1.6	2.4	3.3	4.2	
2.00~2.49	1.5	0.8	2	3.2	4.4	5.6	
2.50~3.49	2.0	1.0	2.6	4.2	5.8	7	
3.50~4.49	3.0	1.5	3.9	5.9	8	9.7	
4.50~5.49	4.0	2.0	5.2	7.5	10.2	12.4	
5.50~10.30	5.0	2.5	6.2	9.0	12.2	14.9	



Order: Part Number: ERF 3M 5 - L20.25 - P3.50 - W1.5 - N60 - Characters for engraving (0~9, A~Z) MY3

Days to Ship: Quotation

Price: Quotation

Rectangular Ejector Pins

High Speed Steel SKH51 equivalent

With Engraving P · W_{-0.01} Free designation