High Speed Steel
SKH51 equivalent

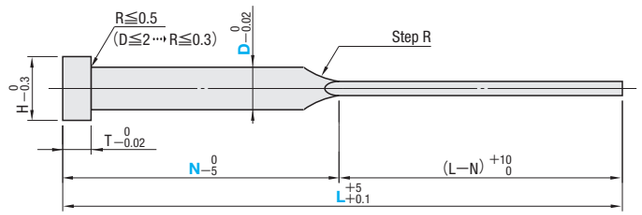
P・W$_{-0.01}^{0}$
Blank

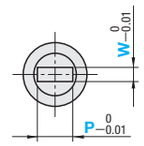
RECTANGULAR EJECTOR PINS
— STANDARD —

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

RoHS

Part Number	Head Thickness	T P・W
ERPH	4mm(T4)	0 −0.01
ERJ	6・8mm(JIS)	





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

M SKH51 equivalent
H 58～60HRC
Range of guaranteed base material hardness (Details P.1303)

Order

Part Number	L	P	W	N
ERJ8	120	P6.0	W1.0	N60

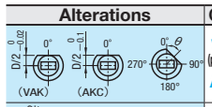
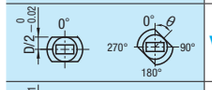
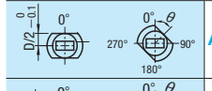
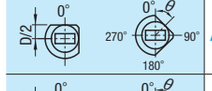
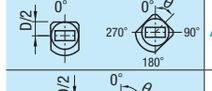
Days to Ship: Quotation

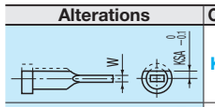
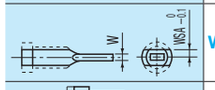
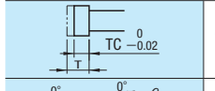
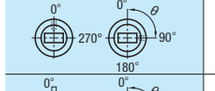
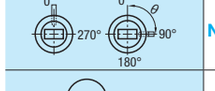
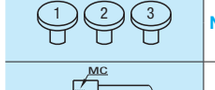
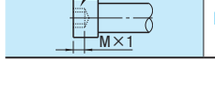
Alterations

Part Number	L	P	W	N	(AKC・AWC⋯etc.)
ERJ 8	120	P6.0	W1.0	N60	AKC 0

Quotation

Alteration details P.195

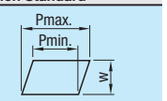
Alterations	Code	Spec.	1Code
	VAK (precision) AKC	VAK=45° increments AKC=1° increments 0≦VAK or AKC＜360 ⊗(VAK) KSA,WSA not available (AKC) When combined with KSA/WSA, 90° increments only.	
	VAW	VAW=45° increments 0≦VAW＜360 ⊗Combination with KSA/WSA not available.	
	AWC	AWC=1° increments 0≦AWC＜360 When combined with KSA/WSA, 90° increments only.	
	ARC	ARC=1° increments 0≦ARC＜360 When combined with KSA/WSA, 90° increments only.	Quotation
	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 HCC (precision)	HC, HCC=0.1mm increments (HC) D+1≦HC＜H (HCC)D+1≦HCC＜H−0.3	

Alterations	Code	Spec.	1Code
	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	
	TC	TC=0.1mm increments T/2≦TC＜T Dimensions L and N become shorter by (T−TC)	
	NC	Dowel hole boring NC=90° increments Available when H≧4 ⊗Combination with other than NHC・NHN not available. How to order and detailed specifications P.195	Quotation
	NCW	Dowel hole boring+Spring pin driving NCW=90° increments Available when H≧4 ⊗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	
	MC	Tapping ⊗Not available for ERPH. D8・8.5 ⋯ M4 D10・10.5 ⋯ M5 D12 ⋯ M6 Available when D≧8	

4mm head H	4mm head T	JIS head H	JIS head T	Part Number 4mm head	Part Number JIS head	D	L	P	W	N
3	4	—	—	ERPH (4mm head)	—	1.5	100	0.8 1.0 1.2	0.3 0.4 0.5 0.6	40 50 60
							150			50 60 70 80
4						2	100	1.0	0.4 0.5 0.6 0.7 0.8 1.0	30 40 50 60
							150	1.2		40 50 60 70 80
							200	1.5		60 70 80
5						2.5	100	1.5 (2.0)	0.4 0.5 0.6 0.7 0.8 1.0 1.2 (1.5)	30 40 50 60
							150			40 50 60 70 80
							200			60 70 80 90 100
6						3	100	2.0 (2.5)	0.4 0.5 0.6 0.7 0.8 1.0 1.2 (1.5) (2.0)	40 50 60
							150			40 50 60 70 80 90
							200			60 70 80 100 120
7						3.5	100	2.5 (3.0)	0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 1.5 (2.0)	40 50 60
							150			40 50 60 70 80
							200			60 70 80 100
							250			80 100
8		8			ERJ (JIS Head)	4	100	3.0 (3.5)	0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 1.5 (2.0)	40 50 60
							(120)			40 50 60 70
							150			40 50 60 70 80 90
							200			60 70 80 100 120
							250			80 100
						4.5	100	3.5 (4.0)	0.6 0.7 0.8 0.9 1.0 1.2 1.5 1.8 (2.0) (2.5)	40 50 60 70
							120			40 50 60 70
							150			40 50 60 70
							200			60 70 80 90 100
							250			90 100 120
9		9				5	100	4.0	0.6 0.7 0.8 0.9 1.0 1.2 1.5 1.8 2.0 2.5	40 50 60 70
							(120)			40 50 60 70
							150			40 50 60 70 80 90
							(175)			60 70 80
							200			60 70 80 100
							250			100 120
	4		6			5.5	100	4.5 (5.0)	0.8 0.9 1.0 1.2 1.5 1.8 2.0 (2.5)	40 50 60 70
							120			40 50 60 70
							150			40 50 60 70
							175			60 70
							200			60 70 80 100
							250			100 120
10		10				6	(120)	5.0	0.8 0.9 1.0 1.2 1.5 1.8 2.0 2.5 3.0	40 50 60 70
							150			40 50 60 70 80
							(175)			60 70 80
							200			60 70 80 90 100
							250			90 100 120
						6.5	150	6.0	0.8 0.9 1.0 1.2 1.5 1.8 2.0	40 50 60
							200			70 80
							250			100
		11				7	120	6.0	0.8 0.9 1.0 1.2 1.5 1.8 2.0 2.5	40 50 60
							150			40 50 60
							175			60 70
							200			60 70 80 100
							250			100 120 160
							(300)			150 180
11		13				8	(120)	6.0	0.8 0.9 1.0 1.2 1.5 1.8 2.0 2.5	40 50 60
							150			40 50 60
							(175)			60 70
							200			60 70 80 100
							250			100 120 130 160
							(300)			150 180
14		14				8.5	150	7.0	0.8 0.9 1.0 1.2 1.5 1.8 2.0 2.5	40 50
							200			80 100
							250			100
							(300)			150 180
15		15	8			10	(120)	8.0	0.8 1.0 1.2 1.5 1.8 2.0 2.5	40 50 60
							(150)			50 60
							(175)			60 70
							200			80 100
							250		1.0 1.2 1.5 1.8 2.0 2.5	100 120 130 160
							(300)			100 120 150 180
17		17				10.5	150	10.0	1.2 1.5 2.0	40 50
							200			80 100
							250			100
							(300)			150 200
—	—			—		12	150	10.0	1.2 1.5 1.8 2.0	40 60
							200			80 100
							250			100
							300			100 150

L(120)(150)(175)(300) are available only for ERJ. ⊗Selections in which both the P and W dimensions are enclosed in brackets ( ) cannot be made.

P Price: Quotation

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