

High Speed Steel  
SKH51 equivalent

D-shaped  
P · W<sub>-0.01</sub><sup>0</sup>

# D-SHAPED EJECTOR PINS

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

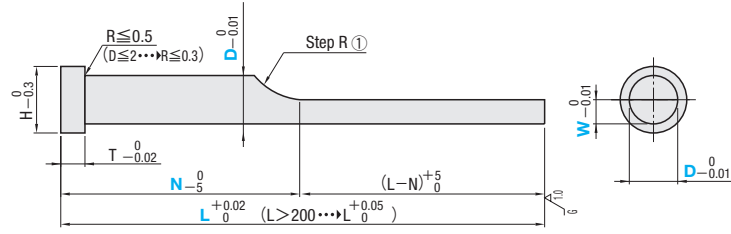
RoHS



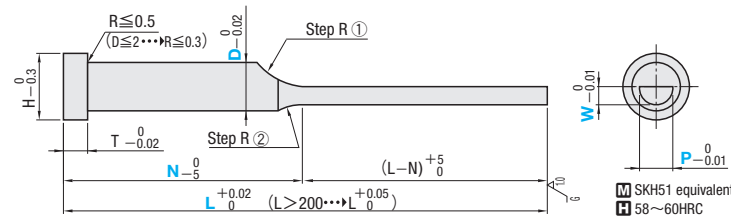
Part Number		Head Thickness (Flange)	Tip part P · W
Normal type	Stepped type	4mm (T4)	0 -0.01
ERDP	ERDF	4 · 6 · 8mm (JIS)	
ERDPJ	ERDFJ		

- ① Range of guaranteed shaft diameter precision (D) (Details [P.1301](#))
- ② Step R ① (Details [P.1302](#) Step R for rectangular ejector pins)
- ③ Step R ② (Details [P.1302](#) Step R for stepped ejector pins)

(Normal type)  
ERDP  
ERDPJ



(Stepped type)ERDF  
ERDFJ



SKH51 equivalent  
58~60HRC  
Range of guaranteed base material hardness (Details [P.1303](#))

Alterations Part Number **L** - **P** - **W** - **N** - (AKC · AWC...etc.)  
ERDF2 - 150.00 - P1.00 - W0.60 - N80 - AKC 90

Alteration details [P.195](#)

Alterations	Code	Spec.	1Code
	AKC	AKC=1° increments 0 ≤ AKC < 360	
	AWC	AWC=1° increments 0 ≤ AWC < 360	
	ARC	ARC=1° increments 0 ≤ ARC < 360	
	ADC	ADC=1° increments 0 ≤ ADC < 360	
	KGA	KGA=1° increments 0 < KGA < 360	
	KGD	KGD=1° increments 0 < KGD < 360	
	HC	HC=0.1mm increments D+1 ≤ HC < H	

Alterations	Code	Spec.	1Code
	HCC	HCC=0.1mm increments D+1 ≤ HCC < H-0.3	
	TC	TC=0.1mm increments T/2 ≤ TC < T (Dimensions L and N remain unchanged) T - TC ≤ Lmax. - L	
	NHC	Numbering on the head How to order <a href="#">P.196</a>	Quotation
	NHN	Automatic sequential numbering on the head How to order <a href="#">P.196</a>	
	TMC	Lapping on the tip face Available when W ≥ 0.6	
	MC	Tapping D8 · 9 → M4 D10 → M5 D12 → M6 ① ERDPJ, ERDFJ Available when D ≥ 8 ② Combination with other than TMC not available.	

## Normal type

4mm head		JIS head		Part Number Type	D	0.01mm increments		N 1mm increments
H	T	H	T			L	W	
3	4	3	4	ERDP (T4) ERDPJ (JIS)	1.5	50.00~200.00	0.75~1.40	N ≥ 30 20 ≤ (L-N) ≤ 150
4		2			50.00~250.00	1.00~1.90		
5		2.5			50.00~250.00	1.25~2.40		
6		3			50.00~300.00	1.50~2.90	N ≥ 30 20 ≤ (L-N) ≤ 200	
7		3.5				1.75~3.40		
8		4				2.00~3.90		
9		4.5				2.25~4.40		
10		5			50.00~350.00	2.50~4.90		
11		5.5				2.75~5.40		
14		6				3.00~5.90		
15		6.5				3.25~6.40		
17		7			3.50~6.90			
		8			4.00~7.90			
		9			4.50~8.90			
		10			5.00~9.90			
		12			6.00~11.90			

## Stepped type

4mm head		JIS head		Part Number Type	D	0.01mm increments		N 1mm increments
H	T	H	T			L	P	
3	4	3	4	ERDF (T4) ERDFJ (JIS)	1.5	50.00~200.00	0.60~1.40	N ≥ 30 20 ≤ (L-N) ≤ 150
4		2			50.00~250.00	0.80~1.90		
5		2.5			50.00~250.00	0.80~2.40		
6		3			50.00~300.00	1.00~2.90	P/2 ≤ W ≤ (P-0.1) N ≥ 30 20 ≤ (L-N) ≤ 200	
7		3.5				1.50~3.40		
8		4				2.00~3.90		
9		4.5				2.50~4.40		
10		5			50.00~350.00	3.00~4.90		
11		5.5				3.50~5.40		
14		6				4.00~5.90		
15		6.5				4.50~6.40		
17		7			5.00~6.90			
		8			6.00~7.90			
		9			6.90~8.90			
		10			7.90~9.90			
		12			8.90~11.90			



Part Number **L** - **P** - **W** - **N**  
(Normal type)ERDP5 - 145.05 - W3.20 - N95  
(Stepped type)ERDF2 - 150.00 - P1.00 - W0.60 - N80



Quotation



Quotation

Rectangular  
Ejector Pins

High Speed Steel  
SKH51  
equivalent

D-shaped  
P · W<sub>-0.01</sub><sup>0</sup>