


# GAS RELEASE RECTANGULAR EJECTOR PINS

— FREE DESIGNATION TYPE —

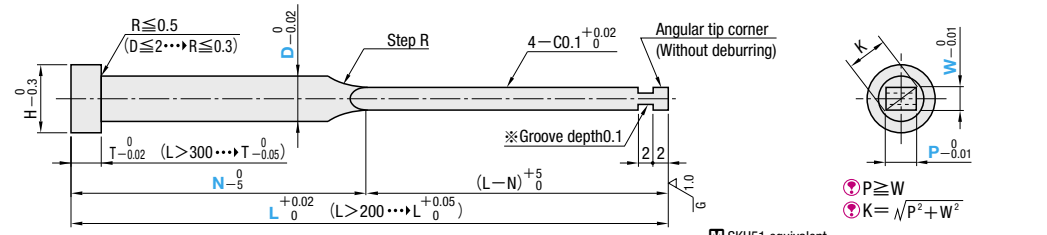
ⓘ Non JIS material definition is listed on P.1351 - 1352



**RoHS**

Part Number	Head Thickness	T P · W
GV-ERF	4mm(T4)	0
GV-ERJF	4 · 6 · 8mm(JIS)	-0.01

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



ⓘ SKH51 equivalent  
 ⓘ S8~60HRC  
 ⓘ Range of guaranteed base material hardness (Details [P.1303](#))

ⓘ When  $W < 1.5$ , the groove depth is 0.05.  
 ⓘ Details of the tip: see below of the right page

Alterations Part Number  L  P  W  N  (AKC · AWC...etc.)

GV-ERF5.5 - 105.03 - P3.50 - W1.50 - N50 - AWC 0

Quotation

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.	<b>Quotation</b>
	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.195](#)

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 N becomes shorter by (T-TC). (Dimension L remains unchanged.) ⊗ T-TC ≤ Lmax-L	
	NC	Dowel hole boring ⊗ Available when H ≥ 4 ⊗ Combination with other than NHC · NHN not available.	<b>Quotation</b>
	NCW	Dowel hole + Spring pin driving ⊗ Available when H ≥ 4 ⊗ Combination with other than NHC · NHN not available.	
	NHC	Numbering on the head How to order <a href="#">P.196</a>	
	NHN	Automatic sequential numbering on the head How to order <a href="#">P.196</a>	

4mm head		JIS head		Part Number			0.01mm increments			Kmax.	N 1mm increments	Nmin.
H	T	H	T	4mm head	JIS head	D	L	P	W			
3		3				1.5	40.00~250.00	1.00~1.30		1.4	10 ≤ (L-N) ≤ 250	23
4		4				2	40.00~300.00	1.00~1.80		1.9		26
5		5	4			2.5		1.00~2.30		2.4		27
6		6				3		1.00~2.80		2.9		29
7		7				3.5		1.00~3.30		3.4		31
8	4	8		GV-ERF	GV-ERJF	4	40.00~300.00	1.00~3.80	1.00~	3.9		33
9		9	6			4.5	(40.00~350.00)	1.20~4.30		4.4		34
10		10				5	50.00~300.00 (50.00~350.00)	1.50~4.80		4.9		35
11		11				5.5		1.80~5.30		5.4		36
15		15				6		2.00~5.80		5.9		37
17		17				6.5		2.00~6.30		6.4	38	
20		20				7		2.30~6.80		6.9	39	
						8		2.30~7.80		7.9	40	
						10	3.00~9.80	9.9				
						12	3.50~11.80	11.9				
					15	3.50~14.80	14.9					

ⓘ Designate P · W dimensions within the Kmax.  $K = \sqrt{P^2 + W^2}$  ⓘ  $P \geq W$  ⓘ L dimension in ( ) will be available for GV-ERJF.

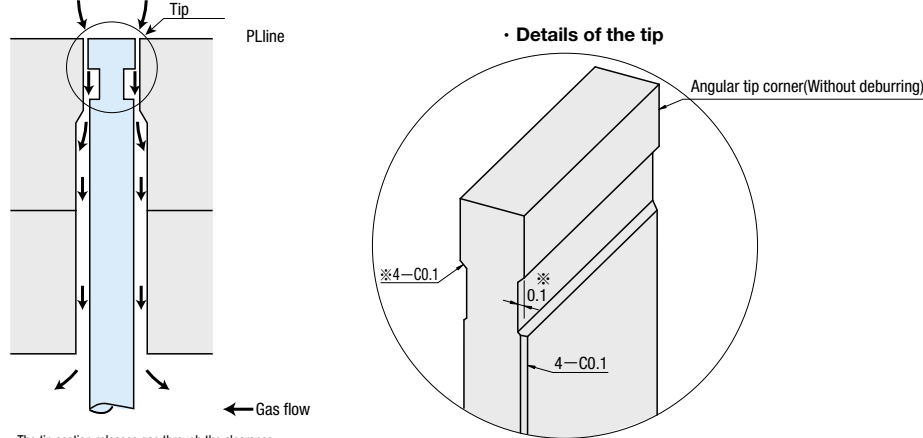
Order Part Number  L  P  W  N

GV-ERF5.5 - 105.03 - P3.50 - W1.50 - N55

Days to Ship **Quotation**

Price **Quotation**

Example



ⓘ The tip section releases gas through the clearance, and the gas can be more smoothly released under the groove through effects of C chamfering.  
 ⓘ Stress concentration is relieved and made hard to break through C chamfering.

ⓘ When  $W < 1.5$ , 0.05.