

PRECISION GAS RELEASE RECTANGULAR EJECTOR PINS

— FREE DESIGNATION TYPE —

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

Part Number | **Head Thickness** | **P · W**

GV-ERVF	4mm(T4)	0
GV-ERVJ	4 · 6 · 8mm(JIS)	-0.005

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

Ⓜ $P \geq W$
Ⓜ $K = \sqrt{P^2 + W^2}$
Ⓜ SKH51 equivalent
Ⓜ 58 ~ 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-ERVF5.5 - 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.	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	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 Ⓜ /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. How to order Ⓜ P.195	Quotation
	NCW	Dowel hole + Spring pin driving Ⓜ Available when H ≥ 4 Ⓜ Combination with other than NHC · NHN not available. How to order Ⓜ P.195	
	NHC	Numbering on the head How to order Ⓜ P.196	
	NHN	Automatic sequential numbering on the head How to order Ⓜ P.196	

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	
4		4				2	40.00~300.00	1.00~ 1.80		1.9		
5		5	4			2.5		1.00~ 2.30		2.4		
6		6				3		1.00~ 2.80		2.9		
7		7				3.5	40.00~300.00 (40.00~350.00)	1.00~ 3.30		3.4		
8		8		GV-ERVF	GV-ERVJ	4		1.00~ 3.80		3.9		
8	4	8				4.5		1.20~ 4.30		4.4		
9		9				5	50.00~300.00 (50.00~350.00)	1.50~ 4.80	1.00~	4.9		
9		10	6			5.5		1.80~ 5.30				5.4
10		11				6		2.00~ 5.80				5.9
10		11				6.5		2.00~ 6.30				6.4
11		13				7		2.30~ 6.80				6.9
15		15				8		2.30~ 7.80				7.9
15		17	8			10		3.00~ 9.80				9.9
17		17				12		3.50~ 11.80				11.9
20		20				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-ERVJ.

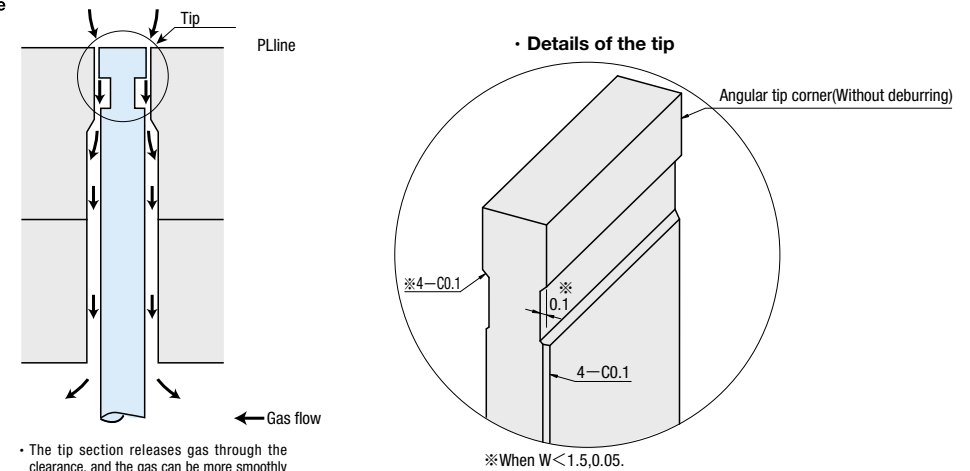
Order | **Part Number** | **L** | **P** | **W** | **N**

GV-ERVF5.5 - 105.03 - P3.50 - W1.50 - N50

Days to Ship | **Quotation**

P | **Price** | **Quotation**

ex | **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.