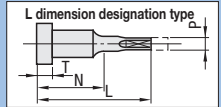


STEPPED EJECTOR PINS WITH GAS VENT

— CUTTING FACETS/L DIMENSION DESIGNATION TYPE —



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

RoHS

Single flat cutting

GW-EHSL
GW-EHSJL
GW-EHSEL
GW-EHSJEL

Four flats cutting

GWS-EHSL
GWS-EHSJL
GWS-EHSEL
GWS-EHSJEL

Part Number		Head Thickness	T P
Single flat cutting	Four flats cutting		
GW-EHSL	GWS-EHSL	4mm (T4)	0 -0.005
GW-EHSJL	GWS-EHSJL	6mm (JIS)	
GW-EHSEL	GWS-EHSEL	4mm (T4)	-0.01 -0.02
GW-EHSJEL	GWS-EHSJEL	6mm (JIS)	

ⓘ Limit of E±0.01 is within 10mm from the tip.

Range of guaranteed shaft diameter precision (D) (Details ⓘ P.1301)
Step R (Details ⓘ P.1302)
SKH51 equivalent
58~60HRC
Range of guaranteed base material hardness (Details ⓘ P.1303)

L-N	SV
30 ≤ L-N ≤ 50	15
50 < L-N	30

4mm head	JIS head	Part Number		D	L 0.01mm increments	P	N	E 0.01mm increments
		Type						
H T	H T	4mm head	JIS head					
3		Single flat cutting GW-EHSL (P ₀ -0.005)	-	1	50.00~70.00 70.01~100.00	0.6 0.7 0.8	20 35	
				1.5	70.00~100.00 100.01~150.00 150.01~200.00	0.6 0.7 0.8 0.9 1.0 1.2	40 50 60 50 70 90 70 80 100	
				2	70.00~100.00 100.01~150.00 150.01~200.00	0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.8	40 50 60 70 80 100	
				2.5	100.00~150.00 150.01~200.00	0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1	50 70 90 70 80 100	Single flat cutting 0.02~0.05
4		Four flats cutting (P ≥ 2)	-	3	100.00~150.00 150.01~200.00	1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6	50 70 90 70 80 100	Four flats cutting 0.03~0.05
				4	100.00~150.00 150.01~200.00 200.01~250.00		50 70 70 80 100 100 125	
7		Single flat cutting GWS-EHSL (P ₀ -0.005)	-	4	150.01~200.00 200.01~250.00		2.0 2.5 3.0	
				4.5	100.00~150.00 150.01~200.00 200.01~250.00		50 70 70 80 100 100 125	
8		Single flat cutting GWS-EHSEL (P ₀ -0.01)	-	4.5	150.01~200.00 200.01~250.00		2.0 2.5	
				5	100.00~150.00 150.01~200.00 200.01~250.00		50 70 70 80 100 100 125	
8		Four flats cutting GWS-EHSJL (P ₀ -0.005)	-	5	150.01~200.00 200.01~250.00		3.0	
				5	100.00~150.00 150.01~200.00 200.01~250.00		50 70 70 80 100 100 125	

ⓘ L-N ≥ 30 ⓘ For head thickness JIS less than D4 is T=4, please place the order for head thickness 4mm type.

Order **Part Number** — **L** — **P** — **N** — **E**
GW-EHSJL 4 — 240.30 — P2.5 — N100 — E0.03

Days to Ship **Quotation**

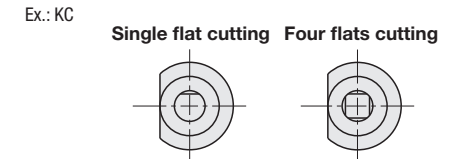
Alterations **Part Number** — **L** — **P** — **N** — **E** — (KC · WKC...etc.)
GW-EHSL 2 — 150.00 — P1.5 — N70 — E0.03 — KTC1.5

Quotation

Alteration details ⓘ P.127

Alterations	Code	Spec.	1Code	Alterations	Code	Spec.	1Code
	VKC	Single flat cutting (precision) D/2 ≤ VKC < H/2			HC	HC=0.1mm increments D+1 ≤ HC < H, D ≥ 1.5	
	VWC	Two parallel flats cutting (precision) D/2 ≤ VWC < H/2			HCC	HCC=0.1mm increments D+1 ≤ HCC < H-0.3, D ≥ 1.5	
	KC	Single flat cutting D/2 ≤ KC < H/2			TC	TC=0.1mm increments T/2 ≤ TC < T, D ≥ 1.5 T-TC ≤ Lmax.-L Dimension L remains unchanged. Dimensions N becomes shorter by (T-TC).	
	WKC	Two flats cutting D/2 ≤ WKC < H/2			NC	Dowel hole boring Available when H ≥ 4 Combination with other than NHC · NHN not available.	
	KAC	Varied width parallel flats cutting D/2 ≤ KAC < H/2 KBC=0.1mm increments only KAC < KBC < H/2	About Designation Unit for Key Flat Cutting (Unit of designation) 0.05mm increments possible		NCW	Dowel hole boring + Spring pin driving Available when H ≥ 4 Combination with other than NHC · NHN not available.	
	KBC						
	RKC	Two flats (right angled) cutting D/2 ≤ RKC < H/2			NHC	Numbering on the head How to order ⓘ P.128 Combination with SKC not available.	
	DKC	Three flats cutting D/2 ≤ DKC < H/2			NHN	Automatic sequential numbering on the head How to order ⓘ P.128 Combination with SKC not available.	
	SKC	Four flats cutting D/2 ≤ SKC < H/2					
	KGC	Two flats (angled) cutting D/2 ≤ KGC < H/2 AG=1° increments 0 < AG < 360					
	KTC	Three flats cutting at 120° D/2 ≤ KTC < H/2					

ⓘ **About flat cutting position**
Flat cutting position is set at 90° of cutting facet in counterclockwise direction.



Stepped Ejector Pins
High Speed Steel SKH51 equivalent