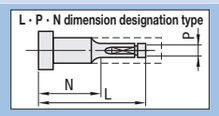
High Speed Steel
SKH51
equivalent

STEPPED EJECTOR PINS WITH GAS VENT

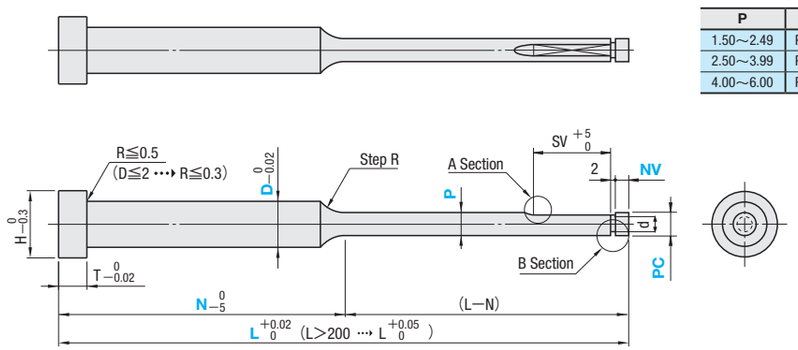
—TIP DIAMETER • L • P • N DIMENSION DESIGNATION TYPE—

L・P・N dimension designation type



RoHS

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



Close-up A section

Close-up B section

P	d
1.50～2.49	P−0.2
2.50～3.99	P−0.4
4.00～6.00	P−0.6

L−N	SV
30≦L−N≦50	15
50<L−N	30

Part Number	Head Thickness	T P (PCX)	T 143
GVB—EHSF	4mm(T4)	0 −0.005	0 −0.005
GVB—EHSJF	6・8mm(JIS)		
GVB—EHSFE	4mm(T4)	−0.01 −0.02	
GVB—EHSJFE	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)

4mm head		JIS head		Part Number Type			0.01mm increments		1mm increments	0.1mm increments	0.01mm increments
H	T	H	T	4mm head	JIS head	D	L	P	N	NV	PC
4	4	—	—	GVB—EHSF (P 0 −0.005)	—	1.6	70.00 ～ 250.00	1.50	N≧15 and 30≦(L−N)≦150	0.5～8.0	(GVB—EHSF GVB—EHSJF) P−0.08≦143<P
						1.7		1.50 ～ 1.60			
						1.8		1.50 ～ 1.70			
						1.9		1.50 ～ 1.80			
						2		1.50 ～ 1.90			
5						2.5		1.50 ～ 2.40			
6						3	70.00 ～ 300.00	1.50 ～ 2.90	・N≧15 (T4) ・N≧30 (JIS) and 30≦(L−N)≦200		
7						3.5		1.50 ～ 3.40			
		8	6		GVB—EHSJF (P 0 −0.005)	4		1.50 ～ 3.90			
8						4.5		2.50 ～ 4.40			
		9		GVB—EHSFE (P −0.01 −0.02)		5	70.00 ～ 350.00	3.00 ～ 4.90			(GVB—EHSFE GVB—EHSJFE) P−0.08≦143<P−0.02
9						5.5		3.50 ～ 5.40			
		10				6		4.00 ～ 5.90			
10		11			GVB—EHSJFE (P −0.01 −0.02)	6.5		4.50 ～ 6.40			
						7		4.90 ～ 6.90			
11		13	8			8		5.90 ～ 7.90			
14		14				9		6.90 ～ 8.90			
15		15				10		7.90 ～ 9.90			
17		17				12		8.90 ～ 11.90			

When PC=P, PCX is applied.

For head thickness JIS less than D4 is T=4, please place the order for head thickness 4mm type of GVB—EHSF (P 0 −0.005), GVB—EHSFE (P −0.01 −0.02).

Order

Part Number	L	P	N	NV	PC(PCX)
GVB—EHSJF 5	300.00	P3.00	N150	NV2.0	PC2.96

Days to Ship: Quotation

Alterations

Part Number	L	P	N	NV	PC(PCX)	(KC・WKC…etc.)
GVB—EHSJFE 7	180.00	P6.60	N50	NV2.0	PC6.56	SKC4.0

Quotation

Alteration details P.127

Alterations	Code	Spec.	1Code
VKC 0 −0.02	VKC	Single flat cutting (precision) D/2≦VKC<H/2	Quotation
VWC 0 −0.02	VWC	Two parallel flats cutting (precision) D/2≦VWC<H/2	
KC 0 −0.1	KC	Single flat cutting D/2≦KC<H/2	
WKC 0 −0.1	WKC	Two flats cutting D/2≦WKC<H/2	
KAC KBC 0 −0.1	KAC KBC	Varied width parallel flats cutting D/2≦KAC<H/2 KBC=0.1mm increments only KAC<KBC<H/2	
RKC 0 −0.1	RKC	Two flats (right angled) cutting D/2≦RKC<H/2	
DKC DKC 0 −0.1	DKC	Three flats cutting D/2≦DKC<H/2	
SKC 0 −0.1	SKC	Four flats cutting D/2≦SKC<H/2	
AG° ±0.5 0° KGC 0 −0.1 KGC	KGC	Two flats (angled) cutting D/2≦KGC<H/2 AG=1° increments 0<AG<360	
120° 120° 120° KTC 0 −0.1	KTC	Three flats cutting at 120° D/2≦KTC<H/2	

About Designation Unit for Key Flat Cutting

(1)To align the key flat with the shaft diameter
Unit of designation 0.05mm increments possible

(2)To designate arbitrary key flat dimensions
Unit of designation 0.1mm

Flat cutting position is set at 90° of SV dimension in counterclockwise direction.

Alterations	Code	Spec.	1Code
H HC 0 −0.3	HC	HC=0.1mm increments D+1≦HC<H, D≧1.5	Quotation
H HCC 0 −0.02	HCC	HCC=0.1mm increments D+1≦HCC<H−0.3, D≧1.5	
T TC 0 −0.02	TC	TC=0.1mm increments T/2≦TC<T, D≧1.5 (Dimensions L and N remain unchanged.) T−TC≦Lmax.−L	
H d +0.1 0 T	NC	Dowel hole boring Available when H≧4 Combination with other than NHC・NHN not available.	
H d T	NCW	Dowel hole boring+Spring pin driving Available when H≧4 Combination with other than NHC・NHN not available.	
217	NHC	Numbering on the head How to order P.128 Combination with SKC not available.	
1 2 3	NHN	Automatic sequential numbering on the head How to order P.128 Combination with SKC not available.	
MC M×1	MC	Head tapping Available when D≧8, H≧13, T=8 Combination with any other alteration not available.	

T	d	ℓ
4	2	3
6 8	3	5

T	d	ℓ1
4	2	5
6 8	3	

D	M
8～9	M4
10	M5
12	M6

Price: Quotation