

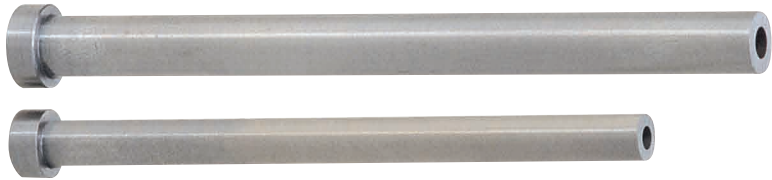
SKD61 equivalent+Nitrided  
Concentricity  $\phi 0.03$   
4mm head

# STRAIGHT EJECTOR SLEEVE

— L DIMENSION DESIGNATION TYPE —

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

RoHS

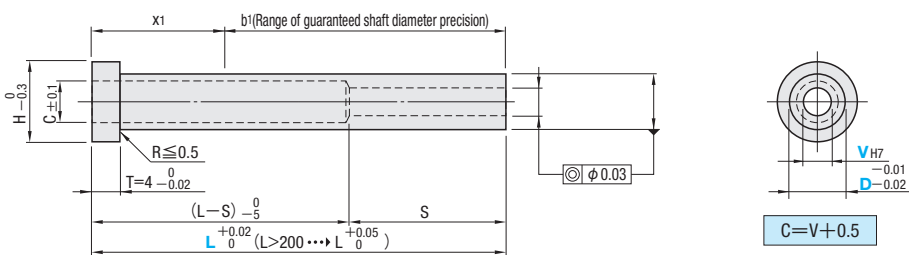


Part Number	T V	Applicable center pin shaft diameter tolerance
ESNV-LC	H7	※Note that for sleeves with V dimension tolerance of H7, combination with center pins that have shaft diameter tolerance $-0.005$ is not recommended. The reason for this is the fitting sections S are longer. (Details <a href="#">P.1309</a> )

**VH7**

$V \leq 3.0$	$3.5 \leq V \leq 6.0$	$V \geq 6.5$
$+0.010$ 0	$+0.012$ 0	$+0.015$ 0

**C = V + 0.5**



**M** SKD61 equivalent+Nitrided  
**H** Surface: 900HV  
 Base material: 40±3HRC  
 ⓘ b1 (Range of guaranteed shaft diameter precision) (Details [P.1305](#))  
 x1 max.=30  
 ⓘ Range of guaranteed base material hardness (Details [P.1307](#))  
 ⓘ Range of guaranteed surface hardness for nitriding (Details [P.1308](#))

L	50.00~75.00	75.01~100.00	100.01~125.00	125.01~150.00	150.01~175.00	175.01~200.00	200.01~225.00	225.01~250.00	250.01~275.00	275.01~300.00
(L-S)	35	50 (V1.5~60)	75 (V1.5~85)	90 (V1.5~110)	115	120	145	170	185	210

ⓘ Note that the Stepped Center Pin's shaft diameter (D) is too large to fit in the recess (C). (Details [P.1310](#))

Alterations Part Number — L — V — (KC · WKC...etc.)  
 ESNV-LC8 — 123.65 — V4.0 — KC4.5

Alteration details [P.275](#)

Alterations	Code	Spec.	1Code
	KC	Single flat cutting $D/2 \leq KC < H/2$	Quotation
	WKC	Two flats cutting $D/2 \leq WKC < H/2$	
	KAC KBC	Varied width parallel flats cutting $D/2 \leq KAC < H/2$ KBC=0.1mm increments only $KAC < KBC < H/2$	
	RKC	Two flats (right angled) cutting $D/2 \leq RKC < H/2$	
	DKC	Three flats cutting $D/2 \leq DKC < H/2$	
	SKC	Four flats cutting $D/2 \leq SKC < H/2$	
	KGC	Two flats (angled) cutting $D/2 \leq KGC < H/2$ AG=1° increments $0 < AG < 360$	
	KTC	Three flats cutting at 120° $D/2 \leq KTC < H/2$	
		(1) To align the key flat with the shaft diameter [Unit of designation] 0.05mm increments possible ⓘ The tolerance is $-0.1$ , even when D/2 is designated to fit to the shaft diameter.	
		(2) To designate arbitrary key flat dimensions [Unit of designation] 0.1mm	

Alterations	Code	Spec.	1Code
	TC	TC=0.1mm increments $(4-TC) \leq Lmax. - L$ $2.0 \leq TC < 4$ Dimensions L and (L-S) remain unchanged.	Quotation
	HC	HC=0.1mm increments $D \leq HC < H$ ⓘ In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.	

H	Part Number		L 0.01mm increments	V Selection
	Type	D		
7	ESNV-LC	4	50.00~150.00	1.5
			50.00~200.00	2.0
8		4.5	50.00~150.00	1.5
			50.00~200.00	2.0
		5	50.00~200.00	2.5
9		5.5	50.00~200.00	3.0
			6	50.00~250.00
		10	6.5	50.00~250.00
7				50.00~250.00
7.5			50.00~250.00	5.0
	8		50.00~250.00	5.5
	8		50.00~250.00	6.0
14	9	80.00~300.00	6.5	
		7.0		
15	10	80.00~300.00	7.0	
		8.0		

Order Part Number — L — V  
 ESNV-LC8 — 123.65 — V4.0

Days to Ship **Quotation**

Price **Quotation**

Ejector Sleeves

Dies Steel  
SKD61 equivalent  
+ Nitrided