

T Tolerance


T	Tolerance
4mm	0 -0.02
6-8mm	0 -0.05


P(PC) Tolerance

L(LC)	P(PC)		
	1~13	15~20	25
L(LC) ≤ 500	-0.01 -0.02	-0.01 -0.03	-0.01 -0.04
L(LC) > 500	-0.01 -0.03	-0.01 -0.03	-0.01 -0.05

L and LC Tolerance

L	L and LC Tolerance	
	L	LC
L	+5 +0.1	
	+0.02 0	LC > 200 → +0.05 0
LC		LC > 500 → +0.5 0

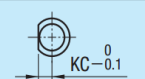
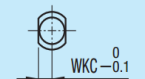
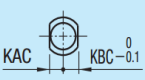
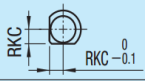

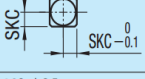


 SKD61 +Nitrided

 Surface: 900HV~
 Base Materials: 45~52HRC

JIS head		TYPE	P	L	LC Increment 0.01 Min~Max
H	T				
3	4	EPDJ	1 1.1 1.2 1.3 1.4	100 150	40.00~150.00
			1.5	100 150 200	40.00~200.00
4	1.6 1.7 1.8 1.9		100 150 200	40.00~200.00	
	2		100 150 200 250 300 350 400	40.00~400.00	
5	2.1 2.2 2.3 2.4		100 150 200 250 300	40.00~300.00	
	2.5		100 150 200 250 300 350 400	40.00~400.00	
6	2.6 2.7 2.8 2.9		100 150 200 250 300	40.00~300.00	
	3		100 150 200 250 300 350 400 450 500	40.00~500.00	
7	3.1 3.2 3.3 3.4		100 150 200 250 300 350 400	40.00~400.00	
	3.5		100 150 200 250 300 350 400 450 500	40.00~500.00	
8	3.6 3.7 3.8 3.9		100 150 200 250 300 350 400	40.00~400.00	
	4		100 150 200 250 300 350 400 500	40.00~500.00	
9	4.1 4.2 4.3 4.4		200 300 400	40.00~400.00	
	4.5		100 150 200 250 300 350 400 500	40.00~500.00	
10	4.6 4.7 4.8 4.9		200 300 400	40.00~400.00	
	5		100 150 200 250 300 350 400 500 600	40.00~600.00	
11	5.1 5.2 5.3 5.4		200 300 400	40.00~400.00	
	5.5		100 150 200 250 300 350 400 500	40.00~500.00	
13	5.6 5.7 5.8 5.9		200 300 400	40.00~400.00	
	6		100 150 200 250 300 350 400 500 600 700	40.00~700.00	
15	6.1 6.2 6.3 6.4		200 300 400	40.00~400.00	
	6.5		100 150 200 250 300 350 400 500 600 700	40.00~700.00	
17	7		100 150 200 250 300 350 400 500 600 700 800 900 1000	40.00~1000.00	
	8		100 150 200 250 300 350 400 450 500 600 700 800 900 1000	40.00~1000.00	
18	10	100 150 200 250 300 350 400 450 500 600 700 800 900 1000	40.00~1000.00		
	12	100 150 200 250 300 350 400 450 500 600 700 800 900 1000	40.00~1000.00		
20	13	100 150 200 250 300 350 400 500	40.00~500.00		
	15	100 150 200 250 300 350 400 500 600 700 800 900 1000	40.00~1000.00		
21	16	100 150 200 250 300 350 400 500 600 700 800 900 1000	40.00~1000.00		
	20	150 200 250 300 400 500 600 700 800 900 1000	40.00~1000.00		
25	25	200 300 400 500 600 700 800 900 1000	40.00~1000.00		

4mm head		TYPE	P	L												LC Increment 0.01 Min-Max			
H	T																		
7			3.6 3.7 3.8 3.9	100	150	200	250	300	350	400							40.00~400.00		
			4	100	150	200	250	300	350	400	500							40.00~500.00	
8			4.1 4.2 4.3 4.4					200	300	400							40.00~400.00		
			4.5	100	150	200	250	300	350	400	500							40.00~500.00	
			4.6 4.7 4.8 4.9					200	300	400							40.00~400.00		
9			5	100	150	200	250	300	350	400	500	600							40.00~600.00
			5.1 5.2 5.3 5.4					200	300	400							40.00~400.00		
			5.5	100	150	200	250	300	350	400	500							40.00~500.00	
11			5.6 5.7 5.8 5.9					200	300	400							40.00~400.00		
			6	100	150	200	250	300	350	400	500	600							40.00~700.00
			6.1 6.2 6.3 6.4					200	300	400							40.00~400.00		
13			6.5	100	150	200	250	300	350	400	500	600							40.00~700.00
			7	100	150	200	250	300	350	400	500	600							40.00~1000.00
			8	100	150	200	250	300	350	400	450	500	600	600	700	800	900	1000	40.00~1000.00
15			10	100	150	200	250	300	350	400	450	500	600	600	700	800	900	1000	40.00~1000.00
			12	100	150	200	250	300	350	400	450	500	600	600	700	800	900	1000	40.00~1000.00
			13	100	150	200	250	300	350	400	500							40.00~500.00	
17			15	100	150	200	250	300	350	400	500	600	600	700	800	900	1000	40.00~1000.00	
			16	100	150	200	250	300	350	400	500	600	600	700	800	900	1000	40.00~1000.00	
			18	100	150	200	250	300	350	400	500							40.00~500.00	
20			15	100	150	200	250	300	350	400	500	600	600	700	800	900	1000	40.00~1000.00	
			16	100	150	200	250	300	350	400	500	600	600	700	800	900	1000	40.00~1000.00	
			18	100	150	200	250	300	350	400	500							40.00~500.00	
21			15	100	150	200	250	300	350	400	500	600	600	700	800	900	1000	40.00~1000.00	
			16	100	150	200	250	300	350	400	500	600	600	700	800	900	1000	40.00~1000.00	
			18	100	150	200	250	300	350	400	500							40.00~500.00	


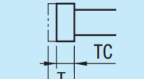
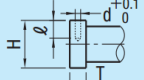

TYPE - P - L(LC) - (KC · WKC.....etc.)
EPDJ - P5 - L200
EPDT - P5 - L205.23 - RKC2.54

Alterations	Code	Spec.
	KC	Single flat cutting $P/2 \leq KC < H/2$
	WKC	Two flats cutting $P/2 \leq WKC < H/2$
	KAC KBC	Varied width parallel flats cutting $P/2 \leq KAC < H/2$ KBC=0.1mm increments only $KAC < KBC < H/2$
	RKC	Two flats (right angled) cutting $P/2 \leq RKC < H/2$
	DKC	Three flats cutting $P/2 \leq DKC < H/2$
	SKC	Four flats cutting $P/2 \leq SKC < H/2$
	KGC	Two flats (angled) cutting $P/2 \leq KGC < H/2$ AG=1° increments $0 < AG < 360$
	KTC	Three flats cutting at 120° $P/2 \leq KTC < H/2$

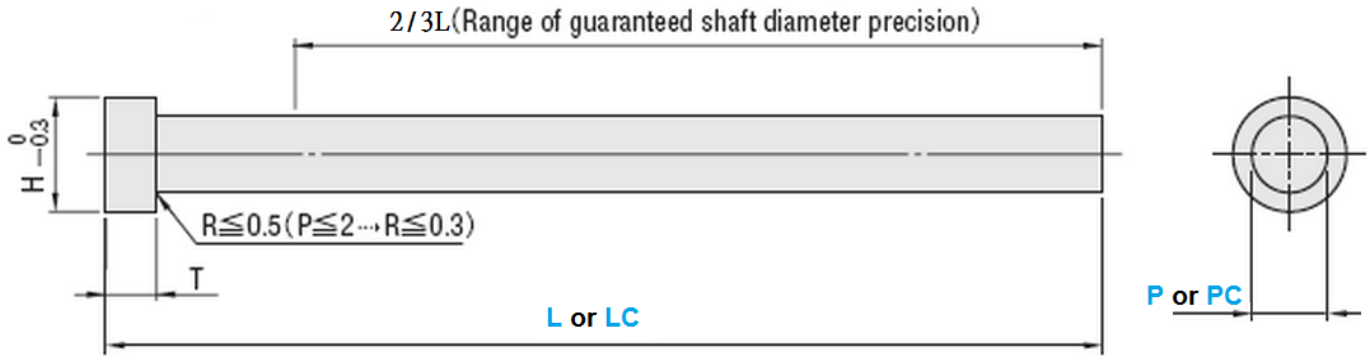
About Designation Unit for Key Flat Cutting

(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

Alterations	Code	Spec.
	HC	HC=0.1mm increments $P+1 \leq HC < H, P \geq 1.5$
	TC	TC=0.1mm increments $T/2 \leq TC < T, P \geq 1.5$ Dimension L becomes shorter by (T-TC)
	NC	Dowel hole boring Available when $H \geq 4$

T	d	ℓ
4	2	3
6	3	5
8		


T Tolerance


T	Tolerance
4mm	0 -0.02
6-8mm	0 -0.05


P(PC) Tolerance

L(LC)	P(PC)		
	1~13	15~20	25
L(LC) ≤ 500	-0.01 -0.02	-0.01 -0.03	-0.01 -0.04
L(LC) > 500	-0.01 -0.03	-0.01 -0.03	-0.01 -0.05

L and LC Tolerance

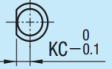
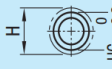



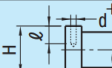



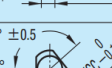

L	L and LC Tolerance	
	L	LC
L	+5 +0.1	
	+0.02 0	LC > 200 → +0.05 0
LC		LC > 500 → +0.5 0

 SKD61 +Nitrided

 Surface: 900HV~
 Base Materials: 45~52HRC

4mm head		JIS head		Type		PC Increment 0.01 Min~Max	L Increment 1 Min~Max	LC Increment 0.01 Min~Max
H	T	H	T	4mm head	JIS head			
-	-	3	4	-		1.00~1.50	40~150	40.00~150.00
		4				1.51~2.00	40~200	40.00~200.00
		5				2.01~2.50	40~400	40.00~400.00
		6				2.51~3.00		
		7				3.01~3.50	40~500	40.00~500.00
7	4	8	6		EPDJ	3.51~4.00		
8		4.01~4.50				40~500	40.00~500.00	
9		4.51~5.00				40~600	40.00~600.00	
9		5.01~5.5				40~700	40.00~700.00	
10		5.51~6.00				40~700	40.00~700.00	
10		6.01~6.50						
11		6.51~7.00						
15		7.01~8.00						
17		8.01~10.00						
18		10.01~12.00						
19		12.01~13.00						
20		13.01~14.00				40~1000	40.00~1000.00	
20		14.01~15.00						
21		15.01~16.00						
21		16.01~18.00						
23	18.01~20.00							
-	-	25	8		EPDT	20.01~22.00		
-	-	27				20.01~25.00		
-	-	30						


TYPE - PC - L(LC) - (KC · WKC.....etc.)
EPDJ - PC5.33 - L220
EPDT - PC6.52 - LC105.22 - KC3.00

Alterations	Code	Spec.	Alterations	Code	Spec.												
	KC	Single flat cutting $P/2 \leq KC < H/2$		HC	HC=0.1mm increments P+1 ≤ HC < H, P ≥ 1.5												
	WKC	Two flats cutting $P/2 \leq WKC < H/2$		TC	TC=0.1mm increments T/2 ≤ TC < T, P ≥ 1.5 Dimension L becomes shorter by (T - TC)												
	KAC KBC	Varied width parallel flats cutting $P/2 \leq KAC < H/2$ KBC=0.1mm increments only $KAC < KBC < H/2$		NC	Dowel hole boring Available when $H \geq 4$												
	RKC	Two flats (right angled) cutting $P/2 \leq RKC < H/2$	<table border="1" data-bbox="1109 728 1204 817"> <tr> <td>T</td> <td>d</td> <td>ℓ</td> </tr> <tr> <td>4</td> <td>2</td> <td>3</td> </tr> <tr> <td>6</td> <td>3</td> <td>5</td> </tr> <tr> <td>8</td> <td></td> <td></td> </tr> </table>	T	d	ℓ	4	2	3	6	3	5	8				
T	d	ℓ															
4	2	3															
6	3	5															
8																	
	DKC	Three flats cutting $P/2 \leq DKC < H/2$															
	SKC	Four flats cutting $P/2 \leq SKC < H/2$															
	KGK	Two flats (angled) cutting $P/2 \leq KGK < H/2$ AG=1° increments 0 < AG < 360															
	KTC	Three flats cutting at 120° $P/2 \leq KTC < H/2$															