

L(LC) \ P(PC)	1 ~ 13	15 ~ 20	25	T	Tolerance	LC	L	L	x1 max.
L(LC) ≤ 500	-0.01 -0.02	-0.01 -0.03	-0.01 -0.04	4mm	0 -0.02	+0.02 0 LC > 200 → +0.05 0	+5 +0.1	L < 100 100~200 250 300 350	30 40 110 160 210
L(LC) > 500	-0.01 -0.03	-0.01 -0.03	-0.01 -0.05	6 - 8mm	0 -0.05	LC > 500 → +0.5 0			

JIS head	TYPE	P					L										LC Increment 0.01 Min ~ max						
H	T	1	1.1	1.2	1.3	1.4	100	150	200	250	300	350	400	450	500	550	600	700	800	900	1000		
3	4	1.5					100	150	200													40.00~150.00	
4		1.6	1.7	1.8	1.9		100	150	200													40.00~200.00	
5		2.0					100	150	200	250	300	350	400										40.00~400.00
		2.1	2.2	2.3	2.4		100	150	200	250	300												40.00~300.00
6		2.5					100	150	200	250	300	350	400										40.00~400.00
		2.6	2.7	2.8	2.9		100	150	200	250	300												40.00~300.00
7		3.0					100	150	200	250	300	350	400	450	500								40.00~500.00
		3.1	3.2	3.3	3.4		100	150	200	250	300	350	400										40.00~400.00
8		3.5					100	150	200	250	300	350	400	450	500								40.00~500.00
		3.6	3.7	3.8	3.9		100	150	200	250	300	350	400										40.00~400.00
9		4.0					100	150	200	250	300	350	400		500								40.00~600.00
		4.1	4.2	4.3	4.4				200		300		400										40.00~400.00
10		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
11	5.0					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	
13	5.5					100	150	200	250	300	350	400		500								40.00~500.00	
	5.6	5.7	5.8	5.9				200		300		400										40.00~400.00	
15	6.0					100	150	200	250	300	350	400		500	600	700						40.00~700.00	
	6.1	6.2	6.3	6.4				200		300		400										40.00~400.00	
17	6.5					100	150	200	250	300	350	400		500	600	700						40.00~700.00	
	7					100	150	200	250	300	350	400		500	600	700	800	900	1000			40.00~1000.00	
18	8					100	150	200	250	300	350	400	450	500	600	700	800	900	1000			40.00~1000.00	
	10					100	150	200	250	300	350	400	450	500	600	700	800	900	1000			40.00~1000.00	
20	12					100	150	200	250	300	350	400	450	500	600	700	800	900	1000			40.00~1000.00	
	13					100	150	200	250	300	350	400		500								40.00~1000.00	
21	15					100	150	200	250	300	350	400	450	500	600	700	800	900	1000			40.00~1000.00	
	16					100	150	200	250	300	350	400		500	600	700	800	900	1000			40.00~1000.00	
25	20							150	200	250	300		400		500	600	700	800	900	1000		40.00~1000.00	
	25							200		300		400		500	600	700	800	900	1000			40.00~1000.00	

Ejector Pins

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			
			4.0													500								40.00~500.00			
8			4.1	4.2	4.3	4.4			200		300		400											40.00~400.00			
			4.5													500								40.00~500.00			
			4.6	4.7	4.8	4.9			200		300		400												40.00~400.00		
			5.0														500	600								40.00~600.00	
9		4 EPDT	5.1	5.2	5.3	5.4			200		300		400												40.00~400.00		
			5.5													500									40.00~500.00		
			5.6	5.7	5.8	5.9			200		300		400													40.00~400.00	
			6.0														500	600	700								40.00~700.00
10			6.1	6.2	6.3	6.4			200		300		400												40.00~400.00		
			6.5														500	600	700								40.00~700.00
11			7				100	150	200	250	300	350	400		500	600	700	800	900	1000							40.00~1000.00
15			8				100	150	200	250	300	350	400	450	500	600	700	800	900	1000							40.00~1000.00
17			10				100	150	200	250	300	350	400	450	500	600	700	800	900	1000							40.00~1000.00
18			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		
21			15				100	150	200	250	300	350	400	450	500	600	700	800	900	1000							40.00~1000.00
			16				100	150	200	250	300	350	400		500	600	700	800	900	1000							40.00~1000.00



Order Example

Order Available in stock

TYPE	P(PC)	L(LC)	KC · WKC...etc
EPDJ	P5	L200	
EPDT	P5	LC205.23	RKC2.54

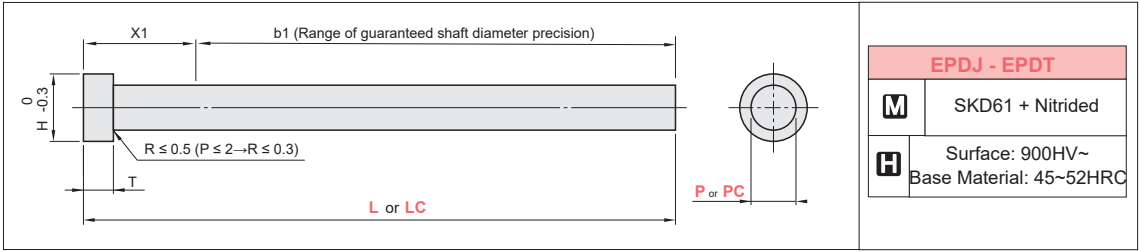
Alterations	Code	Spec.
	KC	Single flat cutting $P/2 \leq KC < H/2$
	WKC	Two flats cutting $P/2 \leq WKC < H/2$
	KAC KBC	Varied width parallel flats cutting $P/2 \leq KAC < H/2$ KBC = 0.1mm increments only $KAC < KBC < H/2$
	RKC	Two flats(right angled) cutting $P/2 \leq RKC < H/2$
	DKC	Three flats cutting $P/2 \leq DKC < H/2$
	SKC	Four flats cutting $P/2 \leq SKC < H/2$
	KGC	Two flats (angled) cutting $P/2 \leq KGC < H/2$ AG = 1° increments $0 \leq AG < 360$
	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 $H \geq 4$



Ejector Pins

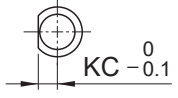
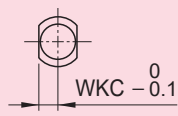
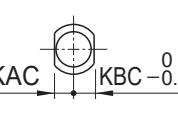
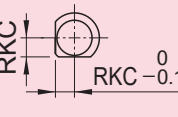
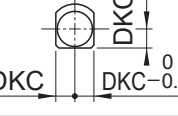
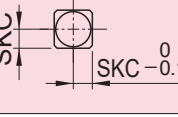
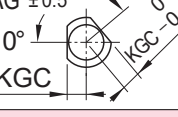
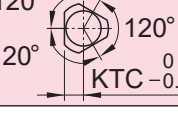
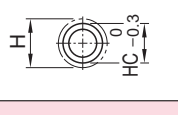
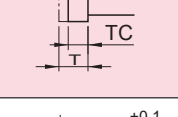
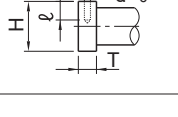
L(LC)	P(PC)	1 ~ 11	12 ~ 30	25	T	Tolerance	LC	L	L	x <sub>1</sub> max.	
L(LC) ≤ 500	P(PC)	-0.01	-0.01	-0.01	4mm	0 -0.02	+0.02 0 LC > 200 → +0.05 0	+5	+0.1	L < 100	30
		-0.02	-0.03	-0.04						100~200	40
L(LC) > 500	P(PC)	-0.01	-0.01	-0.01	6 - 8mm	0 -0.05	LC > 500 → +0.5 0			250	110
		-0.03	-0.03	-0.05						300	160
										350	210

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
						1.51 ~ 2.00	40 ~ 200	40.00 ~ 200.00
						2.01 ~ 2.50	40 ~ 400	40.00 ~ 400.00
						2.51 ~ 3.00		
						3.01 ~ 3.50	40 ~ 500	40.00 ~ 500.00
7	4	8	6	—	—	3.51 ~ 4.00		
8						4.01 ~ 4.50		
9						4.51 ~ 5.00	40 ~ 600	40.00 ~ 600.00
10						5.01 ~ 5.50		
11						5.51 ~ 6.00	40 ~ 700	40.00 ~ 700.00
15						6.01 ~ 6.50		
17						6.51 ~ 7.00		
18						7.01 ~ 8.00		
19						8.01 ~ 10.00		
20						10.01 ~ 12.00		
21						12.01 ~ 13.00		
23						13.01 ~ 14.00	40 ~ 1000	40.00 ~ 1000.00
—						14.01 ~ 15.00		
—						15.01 ~ 16.00		
—						16.01 ~ 18.00		
—	18.01 ~ 20.00							
—	20.01 ~ 22.00							
—	22.01 ~ 25.00							



Order Example

TYPE	PC	L(LC)	KC · WKC...etc
EPDJ	PC5.15	L200	
EPDT	PC8.56	LC205.23	RKC2.54

Alterations	Code	Spec.
	<b>KC</b>	Single flat cutting $P/2 \leq KC < H/2$
	<b>WKC</b>	Two flats cutting $P/2 \leq WKC < H/2$
	<b>KAC</b> <b>KBC</b>	Varied width parallel flats cutting $P/2 \leq KAC < H/2$ KBC = 0.1mm increments only $KAC < KBC < H/2$
	<b>RKC</b>	Two flats(right angled) cutting $P/2 \leq RKC < H/2$
	<b>DKC</b>	Three flats cutting $P/2 \leq DKC < H/2$
	<b>SKC</b>	Four flats cutting $P/2 \leq SKC < H/2$
	<b>KGC</b>	Two flats (angled) cutting $P/2 \leq KGC < H/2$ AG = 1° increments $0 \leq AG < 360$
	<b>KTC</b>	Three flats cutting at 120 $P/2 \leq KTC < H/2$
	<b>HC</b>	HC = 0.1mm increments $P+1 \leq HC < H, P \geq 1.5$
	<b>TC</b>	TC = 0.1mm increments $T/2 \leq HC < T, P \geq 1.5$ Dimension L becomes shorter by (T-TC)
	<b>NC</b>	Dowel hole boring Available when $H \geq 4$

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