Catalog No.				,					P∙K	P·W	В			
Туре	Shape	D	L						max.	min.				
		5	(40)	50	60	70	on					4.90	2.00	8
	2H∼12H	6	(40)	30	UU	70	00					5.90	2.00	0
-NormalTICNWPC [®] HW coating		8										7.90	3.00	
coating treatment "W coating	2J~18J	10	1									9.90	3.00	13
D5~25 SJ W—SJ	3K∼29K	13	(40)	(E0)	(CO)	70	00	00	100			12.90	6.00	
D5~25 PJ H—PJ W—PJ HW—PJ	2L∼ 7L	16	(40)	(50)	(60)	70	δU	90	100			15.90	6.00	
D10~45 SJ-C W-SJ-C	8L (With locating only)	20										19.90	6.00	
		25	1									24.90	6.00	19
D10~25 H—SJ—C HW—SJ—C	Tip shape Select from	32				70	80	90	100	110	120	31.90	7.00	19
	the shapes	38						00	100	110	100	37.90	8.00	
	shown on P.715.	45	1				80	90	100	110	120	44.90	9.00	

- **?** L(40)⋅⋅⋅B=6 If full length is (40), tip length is 6mm in all cases.
- \P L(50) \longrightarrow B=13 If full length is (50), tip length is 13mm in all cases.
- \P SJ-C... \bot L \ge 60 Specifications with L<60 are not available. If full length is (60), tip length is 13mm in all cases.
- Jector hole and machining limit



D	J
5 ~ 8	1.0
10-13	1.5
16 ~ 32	2.0
38•45	4.0

S For TiCN coating, WPC® treatment, and HW coating types, 10J⋅13J⋅5K⋅10K⋅18K cannot be used.



Catalog No. | — | L SJ3K 25

P·W·A·B·C·Q·R·S···0.01mm increments - 80 - P18.00-W16.00-A8.00

W-SJ29K10 - 80 - P 7.00-W 5.00



Days to Ship Quotation



Alteration		Code	Spec.	1Code		
Alterations to tip	BCB	ВС	Tip length change $2 \le BC < B$ 0.1mm increments			
A		PKC	$ \begin{array}{ll} \text{Tip tolerance} & \text{P-W\pm0.01$} \Leftrightarrow +0.01 \\ \text{change} & \\ \hline{ \& \text{ Cannot be used for D}\cong32. \reen Can be used for normal types only.} \end{array} $			
Alterations to full length	LC L	LC	Full length change $LC < L$ 0.1mm increments \textcircled{T} Tip length B is shortened by $(L - LC)$, \textcircled{I} If $D \stackrel{>}{=} 25$ ro $y = -13$.1 fol.4 \textcircled{K} -L, tip length B is as indicated in the table below.	notation		
ration		LKC	Full length tolerance change L +0.3 ⇒ +0.05 0	O		
Alte	<u> </u>	LKZ	Full length tolerance change L+0.3 ⇒ +0.01			
head	<u>= []</u>	нс	Head diameter change D≦HC <d+3 0.1mm increments</d+3 			
Alterations to head	TC Head thickness change 3.5≦TC<5 0.1mm increments • Full length L is shortened by (5—TC). If combined with LC, full length is equal to LC.					
Altera		KC	0°——180° Key flat position change 1° increments			

Alteration		Code	Spec.						
		WKC	Addition of double key flats in parallel						
nead		KFC	Double key flats at 0° and a selected angle 1° increments 80° 270°						
Alterations to head	TCC	TCC	Chamfering of head This improves the strength of the punch head. ■ P.1611 0.1 mm increments 0.5 ≤ TCC ≤ (H-D)/2						
¥		RC	Head thickness is machined to a tolerance of $-0.04\sim0$ relative to the retainer surface.	ര					
	n—	TKC	Head thickness T+0.3 \Rightarrow +0.02 $\textcircled{?}$ Can be used for shoulder tolerance change T+0.3 \Rightarrow punches only.						
	TKM Head thick tolerance cl	Head thickness tolerance change $T^{+0.3} \Rightarrow 0 \Rightarrow $	lota						
Others		AC	The jector pin is removed to create an air path and the side vent hole is plugged from the inside.	g					
틍		NC	The jector pin is removed. One cannot be combined with AC.						
Alterations to shank		SKC	. D5 - 6 Single key flat on shank						



Quotation

SPECIAL SHAPED PUNCHES & DIES

720 719