



# บล็อกพิunch แบบเจคเตอร์ มีร่องลิ้น (JECTOR BLOCK PUNCHES WITH KEY GROOVE)

STEEL GRADE <b>M</b> HARDNESS <b>H</b>	Catalog No.			Type	B Point length	Shape
	Type	B Point length	Shape			
SKD11 60 ~ 63HRC	HJK					<b>B</b>
SKH51 61 ~ 64HRC	HSJK	<b>S</b>				<b>C</b>
HAP40 64 ~ 67HRC	PHJK	<b>L</b>				<b>D</b> <b>E</b>

Key groove part details  
 $R \leq 0.3$

$\ell$ ,  $R10$ ,  $T \begin{smallmatrix} 0 \\ -0.05 \end{smallmatrix}$ ,  $5 \pm 0.1$ ,  $L \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ ,  $B \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ ,  $\frac{1}{16}$ ,  $G$

Shape **B**

$U \pm 0.1$ ,  $H \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $V \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $W \pm 0.01$ ,  $R \leq 0.2$

$W < P \leq W \times 20$

Shape **C**

$U \pm 0.1$ ,  $H \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $V \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $W \pm 0.01$ ,  $R \leq 0.2$

$W \leq P$   
 $R = 0$  Also available

Shape **D**

$U \pm 0.1$ ,  $H \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $V \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $W \pm 0.01$

$W \leq P$

Shape **E**

$U \pm 0.1$ ,  $H \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $V \begin{smallmatrix} +0.01 \\ 0 \end{smallmatrix}$ ,  $W \pm 0.01$ ,  $R$

$W < P \leq W \times 20$   
 $0.20 \leq R < W/2$   
 $0.01$  mm. increments

● In the case of  $P=V$  and  $W=H$ , the tip tolerance uses  $P$  and  $W$  tolerances.

Catalog No.			V Pmin. Wmin.	6	8	10	13	16	20	22	25	28	30	L	0.1mm. T	B		M	$\ell$	U	
Type	B Point length	Shape		H	3.0	3.0	4.0	5.0	7.0	8.0	9.0	10.0	12.0			12.0	S				L
HJK		<b>B</b>	6	2.0	●	●	●	●	●	●	●	●	●	(40)	T ≥ 20	8	13	4	12	1.0	
HSJK	<b>S</b>	<b>C</b>	8	2.5		●	●	●	●	●	●	●	●	(50)		13	19	5		1.5	
		<b>D</b>	10	3.0			●	●	●	●	●	●	●	●		60					6
PHJK	<b>L</b>	<b>E</b>	13	4.0			●	●	●	●	●	●	●	●		70					1.5
			16	5.0				●	●	●	●	●	●	●		80					
			20	6.0						●	●	●	●	●		●		19		25	
		<b>E</b>	22	6.0						●	●	●	●	●							
		<b>E</b>	25	6.0							●	●	●	●							

● L(40)    ⇨ B=6    When the overall length is (40), the point length is 6 mm. uniformly.  
● L(50) • H10 ~ 25    ⇨ B=10    When the overall length is (50), and the dimension H is from 10 to 25, the point length is 10 mm. uniformly.

## Key position

K0

K90

K180

K270

$T \geq 20$  mm.

(1) If the blade edge is in the center of shank.

**Catalog No.** V - H - L - 0.01 mm. increments - 0.1 mm. increments - K

P - W - R(E only) - T ≥ 20

HJKSD 13 - 10 - 60 - P8.00 - W7.80 - T22.5 - K0

(2) When the point is not on the center of shank

**Catalog No.** V - H - L - 0.01 mm. increments - 0.1 mm. increments - K - 0.01 mm. increments

P - W - R(E only) - T ≥ 20 - X - Y

HJKLD 20 - 16 - 60 - P14.00 - W10.00 - T25.5 - K90 - X0.00 - Y2.50

⊗ Designation X • Y  
≥ 0.02 mm. Or X • Y = 0  
Tolerance ± 0.01

H	Zmin.
6 • 8	1.0
10 • 13	1.5
16 • 25	2.0

When the point position is altered, the jector hole should be positioned at a point scaled Over Zmin. from the side of the point  
The jector hole position cannot be changed.