



# บล็อกพUNCH แบบมีร่องลิ้น (BLOCK PUNCHES WITH KEY GROOVE)

STEEL GRADE <b>M</b> HARDNESS <b>H</b>	Catalog No.		
	Type	B Point length	Shape
(H3 ~ 5) SKH51 61 ~ 64HRC	HK	S	B
(H6 ~ 30) SKD11 60 ~ 63HRC			
SKH51 61 ~ 64 HRC	HSK (H6~30)	L	C
HAP40 64 ~ 67 HRC	PHK		D
			E

Key groove part details

Shape B

$W < P \le W \times 20$

Shape C

$W < P \le W \times 20$   
R = 0 Also available

Shape D

$W < P \le W \times 20$

Shape E

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

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

Catalog No.			V P <sub>min.</sub> W <sub>min.</sub> H	L																0.1mm.		B		U
Type	B Point length	Shape		3	4	5	6	8	10	13	16	20	22	25	28	30	(40)	(50)	T	S	L			
HK		B	(3) 1.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●			6	8	1.0		
			(4) 1.0		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				8	13
			5 1.2			●	●	●	●	●	●	●	●	●	●	●	●	●	●					
			6 1.5				●	●	●	●	●	●	●	●	●	●	●	●	●					
HSK (H6~30)	S	C	8 2.0				●	●	●	●	●	●	●	●	●	●	●					1.5		
			10 2.5					●	●	●	●	●	●	●	●	●	●	●						
			13 3.0						●	●	●	●	●	●	●	●	●	●			13	19		
			16 4.0							●	●	●	●	●	●	●	●	●	●					
PHK	L	D	20 5.0							●	●	●	●	●	●	●	●							
			22 6.0									●	●	●	●	●	●	●						
			25 6.5											●	●	●	●	●	●					
			28 7.0													●	●	●	●	●				
		E	30 7.5													●	●							

● L(40) • H10 ~ 30 ⇨ B=13      When the overall length is (40) and the dimension H is from 10 to 30, the point length is 13 uniformly.  
 ● L(50) • H16 ~ 30 ⇨ B=19      When the overall length is (50) and the dimension H is from 16 to 30, the point length is 19 uniformly.  
 ● H (3) (4) ⇨ L40 ~ 70          When the dimension H is (3) or (4), the overall length L is within the range from 40 to 70.  
 ● V = (40) • (50) are standards for HK type only.

## Order

### Key position

K0

K90

K180

K270

(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 ≥ 2

PHKSD 20 - 10 - 60 - P14.5-W6.05 - T20.5 - K90

(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 ≥ 2 - X - Y

PHPSD 20 - 10 - 60 - P14.05-W6.05 - T20.5 - K90 - X0.00 - Y0.50

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

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