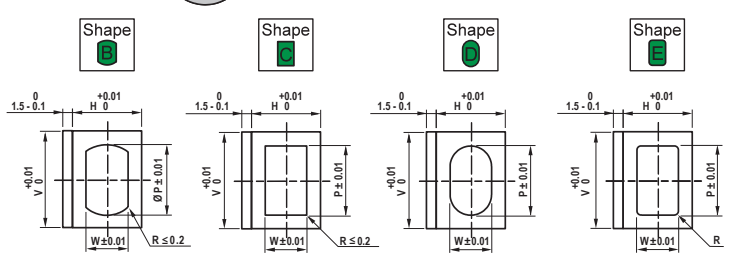
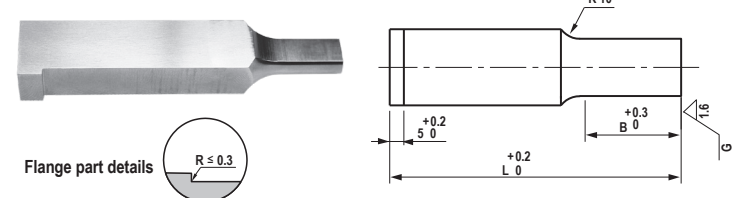




บล็อกพUNCH แบบมีขาข้างเดียว (BLOCK PUNCHES WITH SINGLE FLANGE)

STEEL GRADE M HARDNESS H	Catalog No.			Flange part details	Shape	Shape	Shape	Shape
	Type	B Point length	Shape					
(H2 ~ 5) SKH51 61 ~ 64HRC	HF	S	B					
(H6 ~ 30) SKD11 60 ~ 63HRC								
SKH51 61 ~ 64HRC	HSF (H6-30)	L	D					
HAP40 64 ~ 67HRC								
	PHF		E					



$W < P \leq W \times 20$ $W \leq P \leq W \times 20$ $W \leq P \leq W \times 20$ $W \leq P \leq W \times 20$
 $R = 0$ Also available $0.20 \ R < W/2$
 0.01 mm. increments

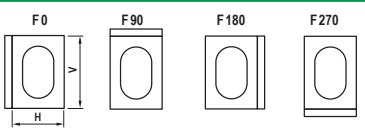
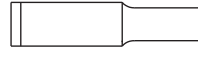
● In the case of $P=V$ and $W=H$, the tip tolerance uses P and W tolerances.

Type	B Point length	Shape	V		H																L	B				
			H	Pmin.	2	3	4	5	6	8	10	13	16	20	22	25	28	30	(40)	(50)		S	L			
HF	S	B	(2)	1.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	(40)	6	8		
			(3)	1.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	(50)	8	13	
			(4)	1.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	60		
			5	1.2			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	70	13	19
HSF (H6-30)	L	D	8	2.0				●	●	●	●	●	●	●	●	●	●	●	●	●	●	80				
			10	2.5					●	●	●	●	●	●	●	●	●	●	●	●	●	●	90			
			13	3.0						●	●	●	●	●	●	●	●	●	●	●	●	●	100	19	25	
PHF		E	16	4.0						●	●	●	●	●	●	●	●	●	●	●	●					
			20	5.0								●	●	●	●	●	●	●	●	●	●	●				
			22	6.0										●	●	●	●	●	●	●	●	●	●			
			25	6.5												●	●	●	●	●	●	●	●	●		
			28	7.0																	●	●				
			30	7.5																	●	●				

- $L(40) \cdot H(10 \sim 30) \Rightarrow B=13$ When the overall length is (40) and the dimension H is from 10 to 30, the point length is 13 uniformly.
- $L(50) \cdot H(16 \sim 30) \Rightarrow B=19$ When the overall length is (50) and the dimension H is from 16 to 30, the point length is 19 uniformly.
- $H(2)(3)(4) \Rightarrow L40 \sim 70$ When the dimension H is (2)(3) or (4), the overall length L is within the range from 40 to 70
- $V = (40) \cdot (50)$ are standards for HF type only.

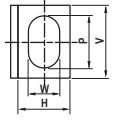


Flange position



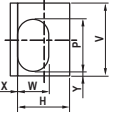
Order

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



Catalog No. **V** - **H** - **L** - **0.01 mm. increments** - **F**
P - **W** - **R(E only)**
 PHFSD 10 - 10 - 60 - P8.00 - W6.00 - F0

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



Catalog No. **V** - **H** - **L** - **0.01 mm. increments** - **F** - **0.01 mm. increments**
P - **W** - **R(E only)** - **X - Y**
 PHFLD 10 - 10 - 60 - P6.00 - W5.00 - F0 - X0.00 - Y0.50

⊗ Designation X · Y
 ≥ 0.02 mm. Or $X \cdot Y = 0$
 Tolerance ± 0.01