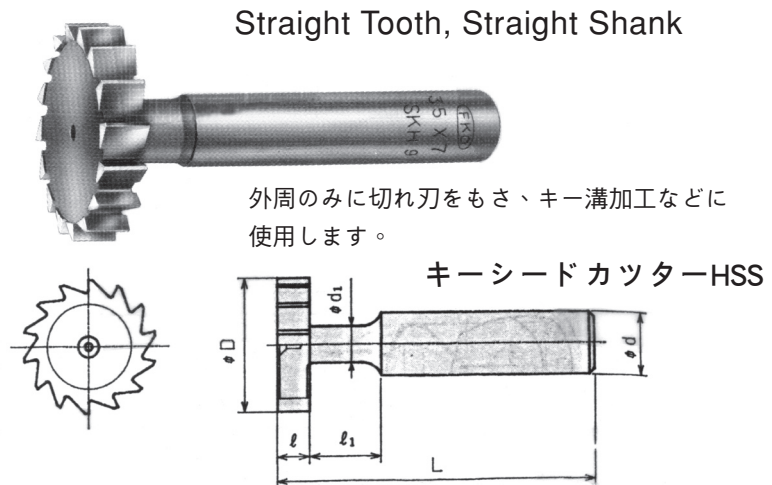




## Woodruff Keyseat Cutters



外径 (D)	首径 (d1)	全長 (L)	柄径 (d)	刃數
8	3.5	50	8	8
10	4.2			
12	4.4			
13	4.5	55	10	10
14				
15			4.7	
16			5	
18	7	55	12	12
19	7.5			
20				
22	8	60	12	14
24	9			
25				
26	10	65	12	14
28				
30				
32				
35	10.5	70	12	16
38				
40				
45				



刃幅許容差 (0.5 < l ≤ 3) -0.014 ~ -0.028  
 刃幅許容差 (3 < l ≤ 6) -0.02 ~ -0.038  
 刃幅許容差 (6 < l ≤ 8) -0.025 ~ -0.047  
 外径許容差 +0.18 ~ +0.3 (単位:mm)

單面切削

### 直柄鍵槽銑刀

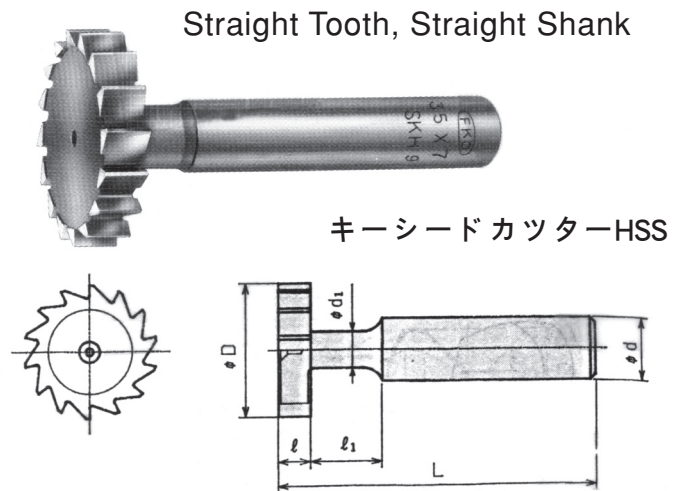
SKH51

厚度 外径	10.0 m/m	13.0 m/m	16.0 m/m	19.0 m/m	22.0 m/m	25.0 m/m
1.0 m/m	1,950 00	1,950 00	2,340 00	2,665 00		
1.2	1,950 00	1,950 00	2,340 00	2,665 00		
1.5	1,950 00	1,950 00	2,340 00	2,665 00		
2.0	1,950 00	1,950 00	2,340 00	2,665 00	2,925 00	3,225 00
2.5	1,950 00	1,950 00	2,340 00	2,665 00	2,925 00	3,225 00
3.0	1,950 00	1,950 00	2,340 00	2,665 00	2,925 00	3,225 00
3.5						
4.0	1,950 00	1,950 00	2,340 00	2,665 00	2,925 00	3,225 00
5.0	1,950 00	1,950 00	2,340 00	2,665 00	2,925 00	3,225 00
6.0					2,925 00	3,225 00
7.0					2,925 00	3,225 00
8.0						3,225 00

## Woodruff Keyseat Cutters



外径 (D)	首径 (d1)	全長 (L)	柄径 (d)	刃數
8	3.5	50	8	8
10	4.2			
12	4.4			
13	4.5	55	10	10
14				
15			4.7	
16			5	
18	7	55	12	12
19	7.5			
20				
22	8	60	12	12
24	9			
25				
26	10	65	12	14
28				
30				
32				
35	10.5	70	12	16
38				
40				
45				



刃幅許容差 (0.5 < l ≤ 3) -0.014 ~ -0.028  
 刃幅許容差 (3 < l ≤ 6) -0.02 ~ -0.038  
 刃幅許容差 (6 < l ≤ 8) -0.025 ~ -0.047  
 外径許容差 +0.18 ~ +0.3 (単位:mm)

單面切削

## 直柄鍵槽銑刀

SKH51

厚度 外径	28.0 m/m		30.0 m/m		32.0 m/m		35.0 m/m		38.0 m/m		40.0 m/m	
1.0 m/m												
1.5												
2.0	4,485	00	5,200	00								
2.5	4,485	00										
3.0	4,485	00	5,200	00	5,850	00	6,630	00				
4.0	4,485	00	5,200	00	5,850	00	6,630	00				
5.0	4,485	00	5,200	00	5,850	00	6,630	00	7,800	00	9,100	00
6.0	4,485	00	5,200	00	5,850	00	6,630	00	7,800	00	9,100	00
7.0	4,485	00	5,200	00	5,850	00	6,630	00	7,800	00	9,100	00
8.0	4,485	00	5,200	00	5,850	00	6,630	00	7,800	00	9,100	00
10.0			5,200	00	5,850	00	6,630	00	7,800	00	9,100	00
12.0									7,800	00	9,100	00

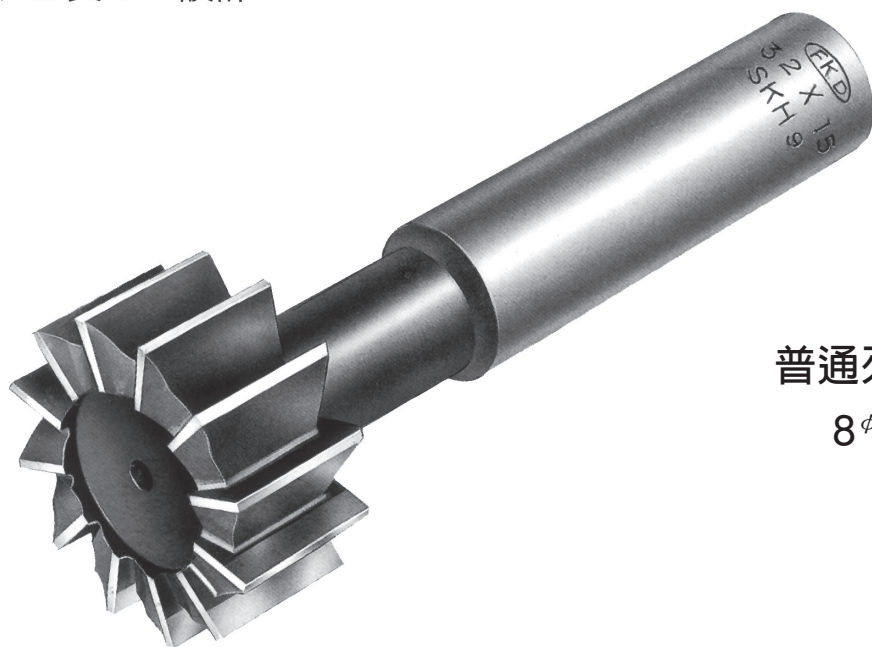


SINCE 1935

F.K.D.<sup>®</sup>

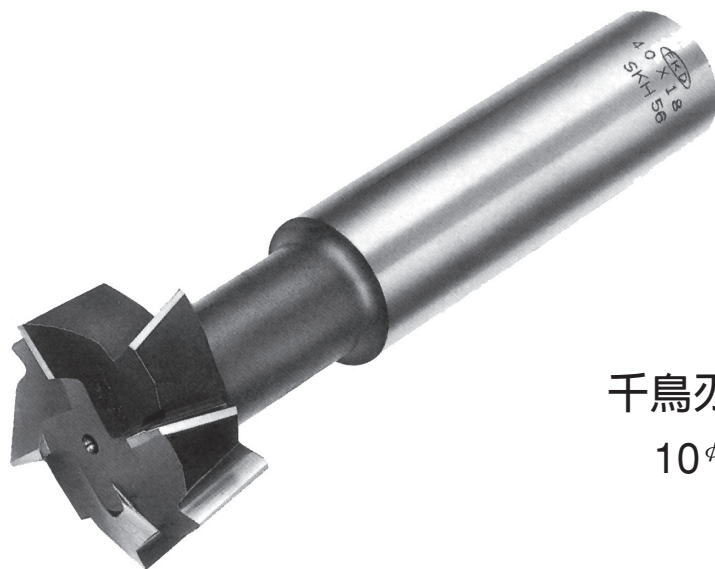
# Tスロットカッター

- 溝加工やフライス切削に最適
- 両刃の切れ味抜群
- 切り粉のはけに工夫
- シャンクは長めに設計



普通刃 (SKH51)

8φ ~ 100φ



千鳥刃 (SKH56)

10φ ~ 100φ



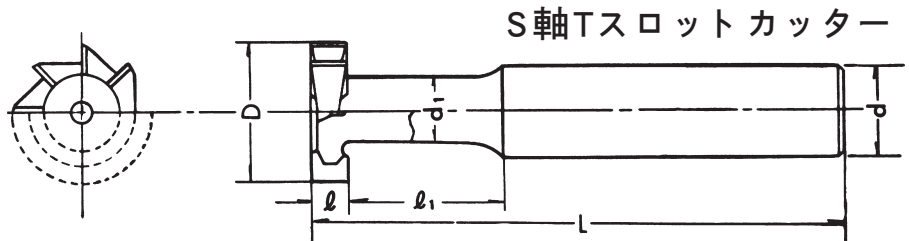
## T-Slot Cutters

with Straight Shank  
High Speed Steel

Tolerance of Cutting Width: +0.1mm, 0

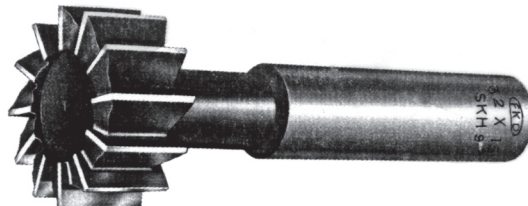
### ●フクダ精工

外径 (D)	首径 (d1)	首長 (l1)	全長 (L)	柄径 (d)	刃数
13	6	18	75	12	8
14					
15					
16	7	20	80		
18					
19					
20	9	22	90	10	
22					11
24					
25					
26					
28					
30	13	24	105	16	12
32					
35	14	110			
36					
38					
40	15	120			
42					
45					
48	18	30	120	20	14
50					



S軸Tスロットカッター

Tスロットカッター-HSS  
刃巾公差：+0.1mm、0



- 外径容許差  
8~16 -0.05~-0.16  
18~30 -0.065~-0.195  
32~45 -0.080~-0.240  
48~100 -0.010~-0.290
- 厚み許容差 0~+0.1

雙面切削

## T型一直柄槽銑刀—TC

SKH51

厚度 外径	3.0 m/m	4.0 m/m	5.0 m/m	6.0 m/m	8.0 m/m	10.0 m/m	12.0 m/m
15.0 m/m	3,000 00	3,000 00	3,000 00	3,000 00	3,000 00		
19.0	3,240 00	3,240 00	3,240 00	3,240 00	3,240 00	3,240 00	
20.0	3,770 00	3,770 00	3,770 00	3,770 00	3,770 00	3,770 00	
22.0	4,020 00	4,020 00	4,020 00	4,020 00	4,020 00	4,020 00	
25.0	4,945 00	4,945 00	4,945 00	4,945 00	4,945 00	4,945 00	4,945 00
28.0	5,280 00	5,280 00	5,280 00	5,280 00	5,280 00	5,280 00	5,280 00
30.0	6,120 00	6,120 00	6,120 00	6,120 00	6,120 00	6,120 00	6,120 00
32.0			6,720 00	6,720 00	6,720 00	6,720 00	6,720 00
35.0				8,160 00	8,160 00	8,160 00	8,160 00
38.0				9,120 00	9,120 00	9,120 00	9,120 00



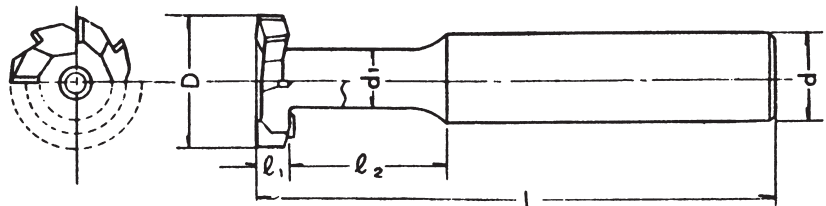
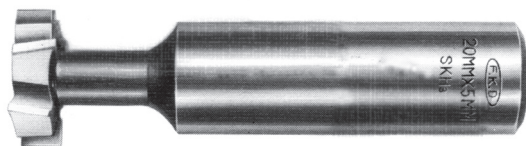
傳真 02-2999-0869



## Staggered Tooth, T-Slot Cutters

Tolerance of Cutting Width: +0.1mm, 0

8% Cobalt-Super High Speed Steel



千鳥刃Tスロットカッター

三面切削

### 千鳥刃 T 型槽銑刀—STC

SKH-56

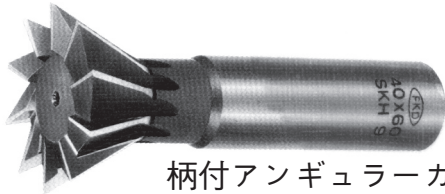
刃徑 外徑	首徑	首長	全長	柄徑	刃數	規 格 m/m								單位	單 價	
						3	4	5	6	7	8	10	12			
15 m/m	6	20	115	16	6	●	●	●	●		●	●		支	3,840	00
18	8	22	120	16	6	●	●	●	●		●	●		支	4,155	00
20	9	22	120	16	6	●	●	●	●	●	●	●		支	4,585	00
25	11	24	125	16	8		●	●	●	●	●	●		支	5,905	00
28	11	24	125	16	8		●	●	●		●	●	●	支	7,080	00
30	13	26	125	20	8		●	●	●		●	●	●	支	7,860	00
32	15	28	130	20	8			●	●	●	●	●	●	支	8,715	00
35	17	28	130	20	8		●	●	●		●	●	●	支	9,145	00
38	18	34	135	25	8				●		●	●	●	支	10,680	00
40	19	34	135	25	8			●	●		●	●	●	支	13,200	00
45	20	38	140	25	10			●	●		●	●	●	支	14,400	00
50	20	40	145	25	10			●	●		●	●	●	支	16,800	00



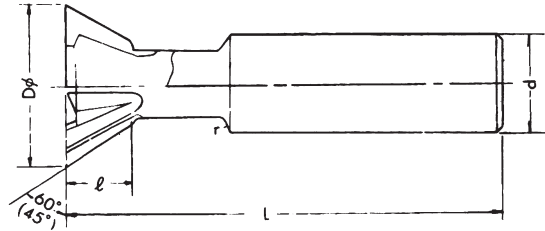
## Dovetail Cutters

## アリ溝加工用

High Speed Steel  
Tolerance of Cutting Diameter: +0.3mm, 0



柄付アンギュラーカッター



30°, 50°, 70°, 75° and 80° are also available.  
角度30°、50°、70°、75°、80°も製作しております。

## 鳩尾槽側銑刀-SAC

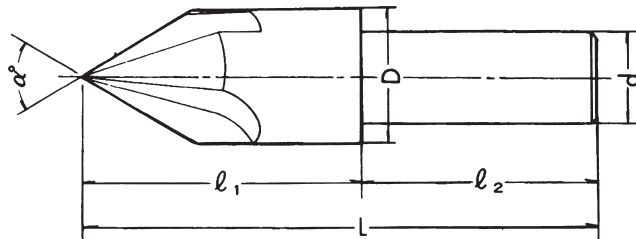
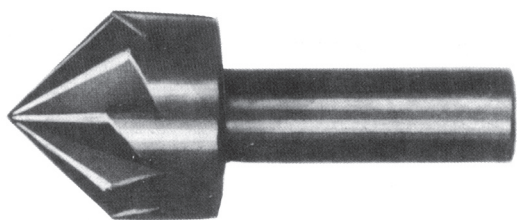
単位：支

D-外径	角度刃長		柄径	全長	60° 角一単價		45° 角一単價	
	60° 角	45° 角						
10 m/m	5.2	3	8	50	2,115	00	2,270	00
12	6	3.5	8	52	2,185	00	2,270	00
15	6.9	4	10	59	2,280	00	2,270	00
20	10.4	6	10	64	3,000	00	3,000	00
25	13	7.5	12	68	3,900	00	3,900	00
30	13.8	8	16	76	4,320	00	4,320	00
35	17.3	10	16	82	6,060	00	6,060	00
40	19	11	20	90	7,440	00	7,440	00
45	23.4	13.5	20	96	10,275	00	10,275	00
50	26	15	25	105	12,240	00	12,240	00
55	28.6	16.5	25	110	15,000	00	15,000	00
60	32.9	19	25	115	16,200	00	16,200	00
65	32.9		32	130	24,960	00		
70	36.4		32	140	27,120	00		
75	39		32	150	32,040	00		
80	43.3		32	160	35,640	00		
90	43.3		42	160	45,720	00		
100	52		42	170	59,520	00		



Center Reamers

倒角—中心絞刀 90° or 60°

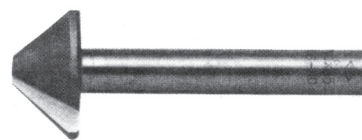


規格	$\alpha$ -60°		$\alpha$ -90°		柄徑	60°單價		90°單價	
	l	L	l	L					
6 m/m	13	43	11	41	6	660	00	660	00
8	18	48	15	45		745	00	710	00
10						1,080	00	1,035	00
12	25	55	20	50	8	1,165	00	1,120	00
16					10	1,550	00	1,500	00
20						1,740	00	1,660	00
25					35	70	25	60	12
30	38	73	30	65	3,075	00	2,820	00	
35	43	80		67	5,400	00	4,680	00	
40	45	85		70	7,200	00	6,180	00	
45	48	88	33	73	10,200	00	9,360	00	
50	57	100	37	80	13,560	00	11,760	00	
60	61	111	45	100	16	19,920	00	17,280	00



硬質斜面絞刀—倒角刀

面取 リーマ



HSS-co

倒角-90°

倒角-60°

規格	角度	柄徑	面取徑	單價	規格	角度	柄徑	面取徑	單價
7 m/m	90°	8	2~7	1,650 00	7 m/m	60°	8	2~7	1,500 00
15	90°	10	3~15	1,870 00					
35	90°	12	10~35	4,950 00	35	60°	12	10~35	4,500 00
45	90°	12	15~45	6,980 00	45	60°	12	15~45	6,300 00