

# Available Dimensions for Tip Saw Blanks

## SWP Type ( $\theta = 0^\circ$ )

No.	Description	Carbide grade		Cermet & Fine grain grade		E	F					
		L	T	L	T							
1	SWP 90 - 30 - W	9.34	$\pm 0.15$	3.11	$\pm 0.1$	9.00	$\pm 0.15$	3.00	$\pm 0.1$	1.5	$\pm 0.15$	1.5
2	SWP 100 - 35 - W	10.00	$\pm 0.1$	3.50		10.00	$\pm 0.1$	3.50		2		0.5
3	SWP 130 - 35 - W	13.49	$\pm 0.2$	3.63		13.00	$\pm 0.2$	3.50		2		0.5

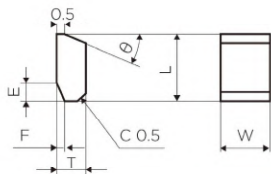
## SWPA Type ( $\theta = 10^\circ$ )

No.	Description	Carbide grade		Cermet & Fine grain grade		E	F					
		L	T	L	T							
1	SWPA 32 - 18 - W	3.20	$+0.3$ $-0.0$	1.80	$+0.2$ $-0.0$	3.08	$+0.3$ $-0.0$	1.73	$+0.2$ $-0.0$	0.30	$\pm 0.15$	0.30
2	SWPA 58 - 24 - W	5.94		2.46		5.80		2.40		1.00		0.50
3	SWPA 65 - 20 - W	6.50		2.00		6.26		1.92		2.00		0.50
4	SWPA 70 - 22 - W	7.00		2.20		7.00		2.20		2.00		0.70
5	SWPA 75 - 24 - W	7.88		2.52		7.50		2.40		2.00		0.70
6	SWPA 77 - 27 - W	8.09		2.84		7.70		2.70		2.00		0.70

## SWPB Type ( $\theta = 15^\circ$ )

No.	Description	Carbide grade		Cermet & Fine grain grade		E	F					
		L	T	L	T							
1	SWPB 40 - 20 - W	4.15	$+0.3$ $-0.0$	2.08	$+0.2$ $-0.0$	4.00	$+0.3$ $-0.0$	2.00	$+0.2$ $-0.0$	1.00	$\pm 0.15$	0.50
2	SWPB 45 - 15 - W	4.50		1.50		4.50		1.50		1.00		0.50
3	SWPB 50 - 15 - W	5.00		1.50		5.00		1.50		1.00		0.50
4	SWPB 50 - 17 - W	5.00		1.70		4.94		1.68		1.00		0.50
5	SWPB 55 - 15 - W	5.50		1.50		5.30		1.45		1.00		0.50
6	SWPB 55 - 18 - W	5.50		1.80		5.50		1.80		1.00		0.50
7	SWPB 55 - 25 - W	5.50		2.50		5.37		2.44		1.00		0.50
8	SWPB 59 - 19 - W	5.90		1.90		5.69		1.83		1.00		0.50
9	SWPB 60 - 18 - W	6.00		1.80		6.00		1.80		1.00		0.50
10	SWPB 60 - 20 - W	6.00		2.00		6.00		2.00		1.00		0.50
11	SWPB 65 - 20 - W	6.50		2.00		6.50		2.00		1.00		0.50
12	SWPB 70 - 20 - W	7.00		2.00		7.00		2.00		1.00		0.50
13	SWPB 70 - 23 - W	7.00		2.30		7.00		2.30		1.00		0.50
14	SWPB 70 - 25 - W	7.00		2.50		6.74		2.41		1.00		0.50
15	SWPB 80 - 25 - W	8.00		2.50		8.00		2.50		1.00		0.50
16	SWPB 85 - 25 - W	8.50		2.50		8.19		2.41		1.00		0.50

SWP Type



Description	$\theta$
SWP L - T - W	$0^\circ$
SWPA L - T - W	$10^\circ$
SWPB L - T - W	$15^\circ$
SWPC L - T - W	$20^\circ$
SWPD L - T - W	$25^\circ$

W : 1.5 ~ 5.5

$$1.5 \leq W \leq 4.9 \begin{matrix} +0.15 \\ -0 \end{matrix}$$

$$4.9 < W \leq 5.5 \begin{matrix} +0.2 \\ -0 \end{matrix}$$

## SWPC Type ( $\theta = 20^\circ$ )

No.	Description	Carbide grade		Cermet & Fine grain grade		E	F					
		L	T	L	T							
1	SWPC 40 - 18 - W	4.00	$+0.3$ $-0.0$	1.80	$+0.2$ $-0.0$	4.00	$+0.3$ $-0.0$	1.80	$+0.2$ $-0.0$	0.70	$\pm 0.15$	0.30
2	SWPC 50 - 15 - W	5.00		1.50		5.00		1.50		1.50		0.50
3	SWPC 55 - 15 - W	5.50		1.50		5.30		1.45		1.50		0.50
4	SWPC 55 - 16 - W	5.50		1.60		5.50		1.60		1.50		0.50
5	SWPC 55 - 18 - W	5.50		1.80		5.50		1.80		1.50		0.50
6	SWPC 55 - 21 - W	5.71		2.18		5.50		2.10		1.50		0.50
7	SWPC 60 - 15 - W	6.00		1.50		5.78		1.44		2.00		0.50
8	SWPC 60 - 18 - W	6.00		1.80		6.00		1.80		1.50		0.50
9	SWPC 60 - 20 - W	6.00		2.00		6.00		2.00		1.50		0.50
10	SWPC 60 - 20 - W	6.00		2.00		6.00		2.00		2.00		1.00
11	SWPC 65 - 20 - W	6.50		2.00		6.50		2.00		2.00		0.50
12	SWPC 65 - 20 - W	6.50		2.00		6.26		1.92		2.00		1.00
13	SWPC 65 - 23 - W	6.50		2.30		6.26		2.21		2.00		0.80
14	SWPC 65 - 25 - W	6.50		2.50		6.26		2.40		2.00		1.30
15	SWPC 70 - 20 - W	7.00		2.00		6.74		1.92		2.00		1.00
16	SWPC 70 - 23 - W	7.00		2.30		7.00		2.30		2.00		0.50
17	SWPC 77 - 25 - W	7.70		2.50		7.70		2.50		2.50		1.25
18	SWPC 80 - 23 - W	8.00		2.30		8.00		2.30		2.00		0.50
19	SWPC 80 - 25 - W	8.00		2.50		7.71		2.41		2.00		1.30
20	SWPC 85 - 25 - W	8.50		2.50		8.19		2.40		2.00		1.30
21	SWPC 90 - 25 - W	9.00		2.50		8.67		2.40		2.00		1.30
22	SWPC 90 - 27 - W	9.00		2.70		8.67		2.60		3.00		1.30
23	SWPC 95 - 27 - W	9.86		2.80		9.50		2.70		2.50		0.70
24	SWPC 100 - 25 - W	10.00		2.50		10.00		2.50		3.00		1.30
25	SWPC 100 - 27 - W	10.37		2.80		10.00		2.70		2.50		0.70
26	SWPC 105 - 30 - W	10.50		3.00		10.11		2.88		3.50		1.50
27	SWPC 110 - 35 - W	11.00		3.50		10.59		3.37		3.00		1.50
28	SWPC 120 - 30 - W	12.00		3.00		11.56		2.89		2.00		1.00
29	SWPC 140 - 30 - W	14.00		3.00		13.49		2.88		4.00		1.30

## SWPD Type ( $\theta = 25^\circ$ )

No.	Description	Carbide grade		Cermet & Fine grain grade		E	F					
		L	T	L	T							
1	SWPD 45 - 15 - W	4.50	$+0.3$ $-0.0$	1.50	$+0.2$ $-0.0$	4.34	$+0.3$ $-0.0$	1.46	$+0.2$ $-0.0$	1.00	$\pm 0.15$	0.50
2	SWPD 60 - 15 - W	6.00		1.50		5.78		1.44		1.00		0.50
3	SWPD 60 - 18 - W	6.00		1.80		5.78		1.73		1.00		0.50
4	SWPD 60 - 20 - W	6.00		2.00		5.78		1.92		1.00		0.50
5	SWPD 62 - 19 - W	6.44		1.97		6.20		1.90		1.00		0.50
6	SWPD 65 - 20 - W	6.50		2.00		6.50		2.00		1.00		0.50
7	SWPD 70 - 20 - W	7.00		2.00		6.74		1.92		1.00		0.50
8	SWPD 70 - 23 - W	7.00		2.30		6.74		2.21		1.00		0.50