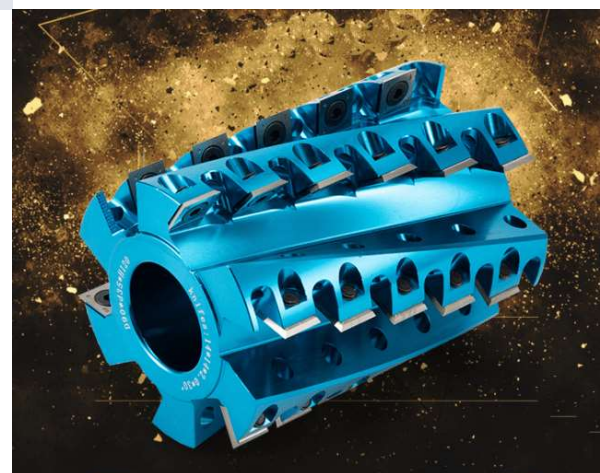


## Carbide Reversible Knives for Woodworking



## Company Profile

ToolingBox (Beijing) Industrial Technology Co.,Ltd is a Chinese professional manufacturer for cutting tools. We supply solid&brazed CBN tools, and tungsten carbide inserts and tools for woodworking and metalworking industries.

With over a decade of dedicated expertise, our company specializes in the research, development, production, promotion, and technical service of tungsten carbide cutting tools. Our product range includes woodworking carbide reversible knives, molding knives, circular cutters, oscillating knives, carbide thin razor blades, carbide scrapers, and more. These products find extensive applications in wood processing, paper printing, film and fiber industries, electronic battery cutting, and various other sectors. Renowned for our outstanding product quality and prompt deliveries, we have garnered recognition from numerous customers, leading to a significant domestic market share and exports to countries and regions, including Europe, the United States, Russia ,Mid east ,India and Southeast Asia.

Our company possesses a comprehensive set of standardized testing equipment and processes to ensure product quality. We are supported by a professional team specializing in production, technology, and sales, capable of addressing various customer-related issues. With over 100 CNC grinding machines, end mills, surface grinders, and a variety of imported inspection devices, we stand as one of the industry's largest, highest-output, most diverse, and fully-equipped enterprises in China.

We adhere to the business philosophy of "integrity in operation, superior quality, and customer-first", continuously enhancing our corporate image and product quality, reducing overall costs, shortening delivery times, and consistently improving customer satisfaction.

ToolingBox, Professional makes values!





Raw material production



Raw material inspection



Flat grinding



CNC cutting edge



CNC cutting edge



Cleaning



Inspection of the first



Inspection of the second



Page	05	Carbide Grade Properties And Applications
Page	06-16	Woodworking Reversible Knives
Page	17-19	Planer Blades
Page	20-29	Radius Profile Knives
Page	30-31	Custom Profile Knives



## Carbide Grade Properties And Applications

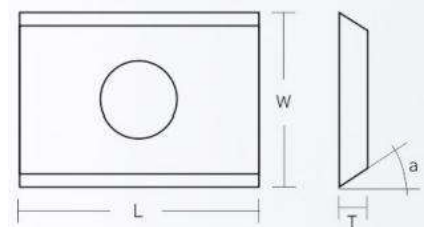
### Carbide Grade Properties

Grade	Grain Size( $\mu\text{m}$ )	Density (g/cm <sup>3</sup> )	Hardness(HRA)	Co( %)	TRS( $\geq$ Mpa)
<b>TBK30</b>	0.6-0.8	14.7-14.9	92.5-93.5	5.7-6.2	$\geq$ 2400
* TBK20/Coated	0.6-0.8	14.8-15.05	93.2-94	3.8-5.2	$\geq$ 2800
<b>TBK10</b>	0.6-0.8	14.3-14.5	91.4-92.2	10-10.5	$\geq$ 2700

\* Coated grade can be used.

Grade	MDF	HDF	Chipboard	Hardwood	Softwood
<b>TBK30</b>	★★	★	★	★★★★	★★★
<b>TBK20</b>	★★★	★★★	★★★	★★★	★★★
<b>TBK10</b>	★★★★	★★★★	★★★★	★★★	★★★
★ Acceptable    ★★ Good    ★★★ Very Good    ★★★★★ Optimum					





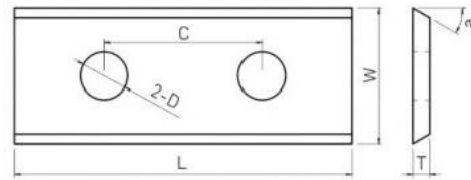
Z=2

L (mm)	W (mm)	T (mm)	a°	TBK30	TBK20/C
7.5	12.0	1.5	35°		
7.6	12.0	1.5	35°		
8.0	12.0	1.5	35°		
8.6	12.0	1.5	35°		
9.0	12.0	1.5	35°		
9.6	12.0	1.5	35°	●	
9.6	12.0	1.5	45°		
10.0	12.0	1.5	35°		
10.0	12.0	1.5	45°		
10.5	12.0	1.5	35°		
10.6	12.0	1.5	35°		
11.0	12.0	1.5	35°		
13.0	12.0	1.5	35°		
14.0	12.0	1.5	35°	●	●
14.5	12.0	1.5	35°		
14.6	12.0	1.5	35°		●
15.0	12.0	1.5	35°		
16.5	12.0	1.5	35°		
18.0	12.0	1.5	35°		
18.5	12.0	1.5	35°	●	
18.6	12.0	1.5	35°		
19.5	12.0	1.5	35°		
20.0	12.0	1.5	35°		
20.0	12.0	1.5	40°		●
20.0	12.0	1.5	45°		
23.0	12.0	1.5	35°		
24.0	12.0	1.5	35°		
24.0	12.0	1.5	40°		
24.0	12.0	1.5	45°		
24.7	12.0	1.5	35°	●	
25.0	12.0	1.5	35°		
25.0	12.0	1.5	45°		
28.0	12.0	1.5	35°		

Note: Other specifications in this series can be customized

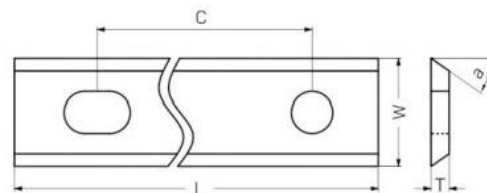
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## Woodworking Reversible Knives



Z=2

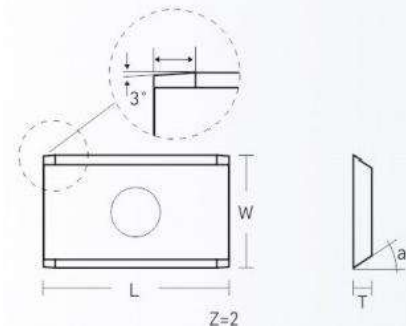
L (mm)	W (mm)	T (mm)	C (mm)	a°	TBK30	TBK20/C	TBK10
24.0	12.0	1.5	14.0	35°			
25.0	12.0	1.5	14.0	35°			
25.0	12.0	1.5	14.0	45°			
28.0	12.0	1.5	14.0	45°	●		
29.0	12.0	1.5	14.0	35°			
30.0	12.0	1.5	14.0	30°			
30.0	12.0	1.5	14.0	35°		●	●
30.0	12.0	1.5	14.0	45°			
30.0	12.0	2.2	14.0	35°	●		
30.0	12.0	2.5	14.0	35°		●	●
40.0	12.0	1.5	26.0	35°			●
48.0	12.0	1.5	26.0	45°			
50.0	12.0	1.2	26.0	35°			
50.0	12.0	1.5	26.0	35°	●	●	●
50.0	12.0	1.5	26.0	45°			
50.0	12.0	2.5	26.0	35°			
60.0	12.0	1.5	26.0	35°		●	●
60.0	12.0	1.5	26.0	45°			



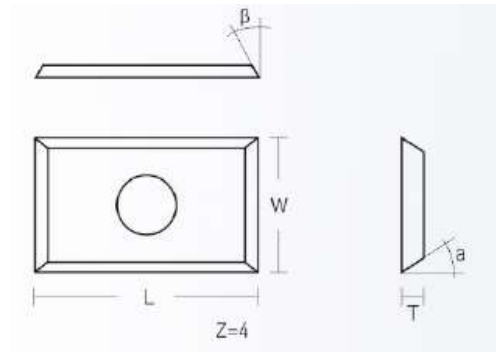
L (mm)	W (mm)	T (mm)	C (mm)	a°	TBK30
80.0	13.0	2.2	60	35°	●
80.0	13.0	2.2	60	59°	
100.0	13.0	2.2	60	35°	
100.0	13.0	2.2	60	45°	
120.0	13.0	2.2	60	35°	

Note: Other specifications in this series can be customized

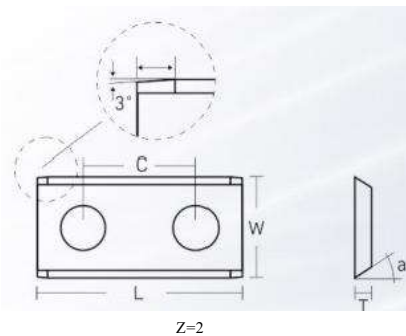
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L (mm)	W (mm)	T (mm)	a	TBK30
24.0	12.0	1.5	35°	●
24.0	12.0	1.5	40°	



L (mm)	W (mm)	T (mm)	a°	β°	TBK30	TBK20/C	
14.0	12.0	1.5	35°	35°	●		
17.0	12.0	1.5	35°	10°			
19.5	12.0	1.5	35°	20°		●	
19.5	12.0	1.5	35°	35°			●
20.0	12.0	1.5	35°	10°			
23.0	12.0	1.5	35°	20°			

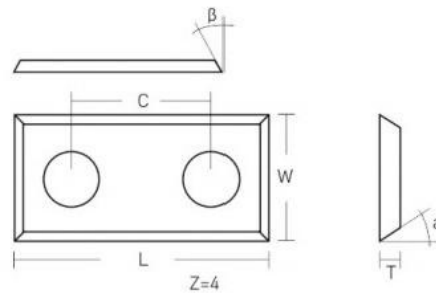


L (mm)	W (mm)	T (mm)	C (mm)	a°	TBK30	TBK20 /C	TBK10
25.0	12.0	1.5	14.0	35°	●		
30.0	12.0	1.5	14.0	35°		●	
30.0	12.0	2.5	14.0	35°			●

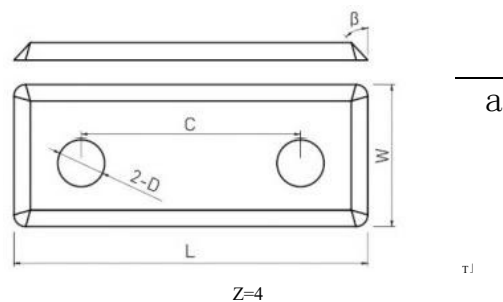
Note: Other specifications in this series can be customized



## Woodworking Reversible Knives



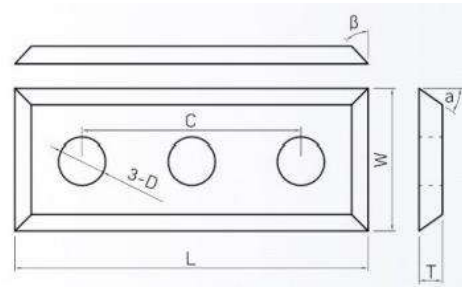
L (mm)	W (mm)	T (mm)	C (mm)	a	β	TBK30	TBK20/C	TBK10
25.0	12.0	1.5	14.0	30°	35°			
29.5	9.0	1.5	14.0	35°	20°			
29.5	12.0	1.5	14.0	35°	20°		●	●
29.5	12.0	1.5	14.0	35°	35°			
30.0	9.0	1.5	14.0	35°	20°	●		
30.0	9.0	1.5	14.0	35°	35°			
30.0	12.0	1.5	14.0	35°	20°		●	●
30.0	12.0	1.5	14.0	35°	35°			
39.5	12.0	1.5	26.0	35°	20°			
39.5	12.0	1.5	26.0	35°	35°			
40.0	9.0	1.5	26.0	35°	20°			
40.0	12.0	1.5	26.0	35°	20°		●	
40.0	12.0	1.5	26.0	35°	35°	●		
49.2	12.0	1.5	26.0	35°	20°		●	
49.5	9.0	1.5	26.0	35°	20°			
49.5	9.0	1.5	26.0	35°	35°			
49.5	12.0	1.5	26.0	35°	20°			
49.5	12.0	1.5	26.0	35°	35°	●	●	
50.0	9.0	1.5	26.0	35°	20°			
50.0	12.0	1.5	26.0	35°	20°			
50.0	12.0	1.5	26.0	35°	35°			
59.5	12.0	1.5	26.0	35°	20°		●	
60.0	12.0	1.5	26.0	35°	20°			



L (mm)	W (mm)	T (mm)	C (mm)	a°	TBK30
30.0	12.0	1.5	14.0	35°	●
30.0	12.0	2.5	14.0	35°	

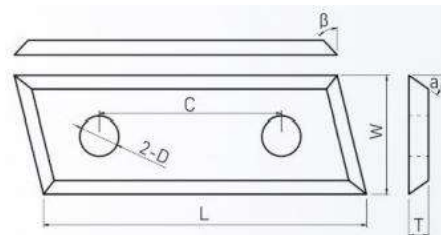
Note: Other specifications in this series can be customized

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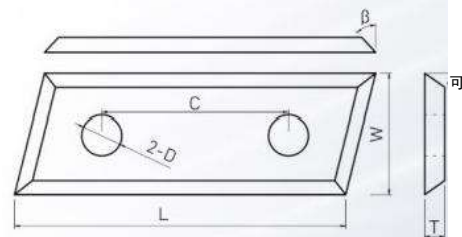
Z=4

L (mm)	W (mm)	T (mm)	a°	β°	TBK20/C
50.0	9.0	1.5	35°	35°	●
50.0	12.0	1.7	35°	20°	
50.0	12.0	1.7	35°	35°	



Z=4

L (mm)	W (mm)	T (mm)	C (mm)	a°	β°	TBK20/C
28.3	12.0	1.5	14.0	35°	30°	●
30.0	9.0	1.5	14.0	35°	20°	
30.0	12.0	1.5	14.0	35°	20°	
40.0	12.0	1.5	26.0	35°	20°	
48.3	12.0	1.5	26.0	35°	30°	
50.0	9.0	1.5	26.0	35°	20°	
50.0	12.0	1.5	26.0	35°	20°	



Z=4

L (mm)	W (mm)	T (mm)	C (mm)	a°	β°	TBK20/C
30.0	9.0	1.5	14.0	35°	20°	●
30.0	12.0	1.5	14.0	35°	20°	
40.0	12.0	1.5	26.0	35°	20°	
50.0	9.0	1.5	26.0	35°	20°	
50.0	12.0	1.5	26.0	35°	20°	

Note: Other specifications in this series can be customized

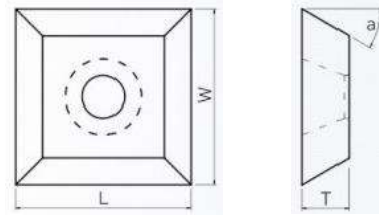
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**Woodworking Reversible Knives**

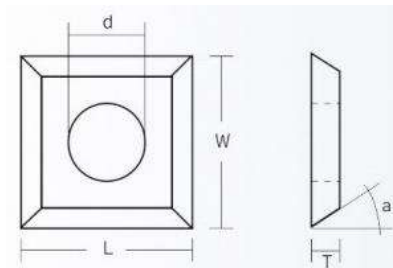


L (mm)	W (mm)	T (mm)	a°	TBK30	TBK20/C	TBK10
10.50	10.50	1.50	30°			
10.50	10.50	1.50	35°			
10.50	10.50	2.00	27°			●
10.50	10.50	2.00	35°			
11.00	11.00	2.00	30°			
12.00	12.00	2.20	35°			
13.00	13.00	2.50	30°	●		
13.00	13.00	2.50	35°			
13.60	13.60	2.00	30°			
13.80	13.80	2.50	30°			
14.00	14.00	1.21	30°			
14.00	14.00	1.40	35°	●	●	
14.00	14.00	1.70	30°			
14.00	14.00	2.00	30°	●	●	●
14.00	14.00	2.00	35°	●	●	
14.00	14.00	2.00	37°			●
14.00	14.00	2.00	45°			
14.00	14.00	2.50	30°	●		
14.17	14.17	2.00	30°			
14.30	14.30	2.00	30°		●	
14.30	14.30	2.50	30°	●		
14.30	14.30	2.50	35°			
14.30	14.30	2.50	37°			
14.30	14.30	2.50	45°			
14.60	14.60	2.00	30°			
14.60	14.60	2.30	30°		●	
14.60	14.60	2.50	30°			
14.60	14.60	2.50	35°			
14.60	14.60	2.50	37°	●		
15.00	15.00	2.00	30°			
15.00	15.00	2.50	30°		●	
15.00	15.00	2.50	35°			
15.00	15.00	2.50	37°			
15.00	15.00	2.50	50°		●	

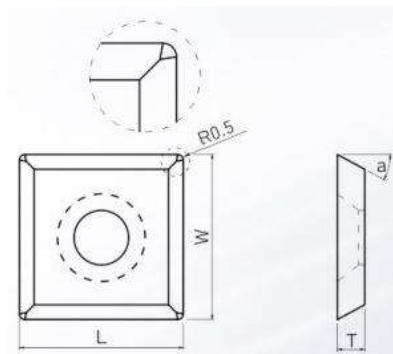
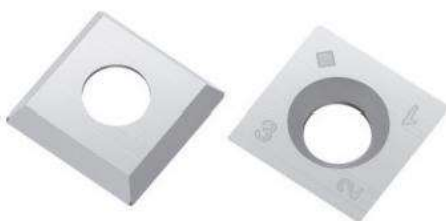
Note: Other specifications in this series can be customized



L (mm)	W (mm)	T (mm)	a°	TBK30
21.0	21.0	5.5	40°	●



L (mm)	W (mm)	T (mm)	d	a°	TBC30	TBC20/C	TBC10
10.5	10.5	1.5	4.0	35°			
12.0	12.0	1.5	4.0	35°		●	●
16.0	16.0	1.5	4.0	35°	●		
17.0	17.0	2.0	4.0	35°			



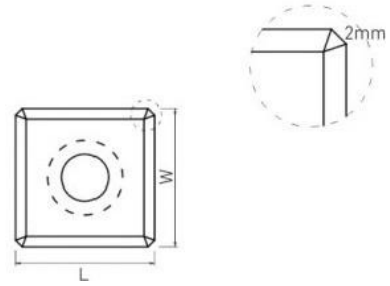
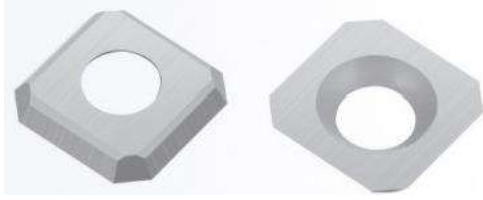
L (mm)	W (mm)	T (mm)	a°	TBK30	TBK20/C	TBK10
10.5	10.5	2.0	35°			
12.0	12.0	2.2	35°			●
14.0	14.0	2.0	30°			
14.0	14.0	2.0	37°		●	
14.6	14.6	2.5	30°	●		
15.0	15.0	2.0	30°			
15.0	15.0	2.5	30°			●
15.0	15.0	2.5	35°		●	
15.0	15.0	2.5	37°			●

Note: Other specifications in this series can be customized

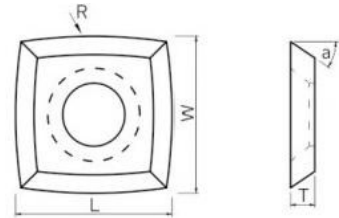
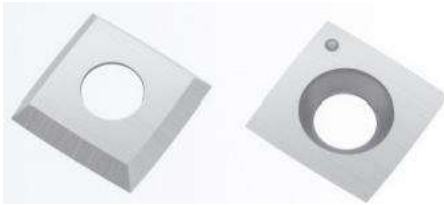
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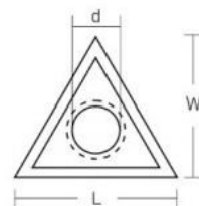
# Woodworking Reversible Knives



L(mm)	WW(mm)	T(mm)	a°	TBK30
14.0	14.0	2.0	30°	●
14.0	14.0	2.0	35°	

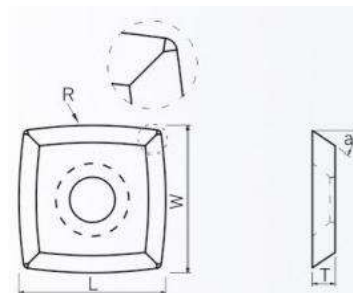
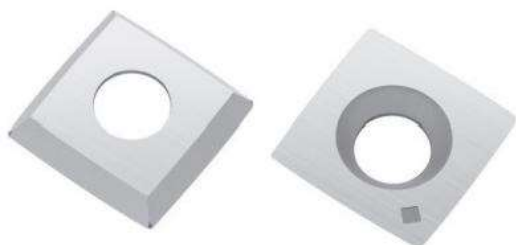


L(mm)	W(mm)	T(mm)	a°	R	TBK30	TBK20/C	TBK10	
11.0	11.0	1.5	30°	50	●		●	
11.0	11.0	2.0	30°	50				
12.0	12.0	1.5	50°	150				
12.0	12.0	1.5	39.8°	174				
13.8	13.8	2.5	30°	100				
13.8	13.8	2.5	30°	150			●	●
14.0	14.0	2.0	30°	150				
14.6	14.6	2.5	30°	150				
14.6	14.6	2.5	35°	150				
15.0	15.0	2.5	30°	30				
15.0	15.0	2.5	30°	50				
15.0	15.0	2.5	30°	100		●		
15.0	15.0	2.5	30°	150		●		
15.0	15.0	2.5	37°	95		●		
15.0	15.0	2.5	37°	150				
15.0	15.0	2.5	40°	150				

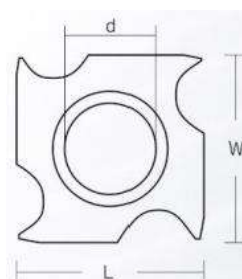


L(mm)	W(mm)	T(mm)	a°	TBK30	TBK20/C
22.00	19.00	2.00	30°	●	
22.86	19.80	2.50	30°		●

Note: Other specifications in this series can be customized



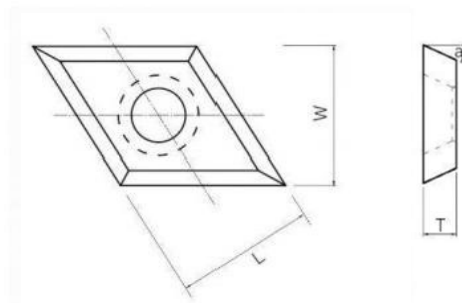
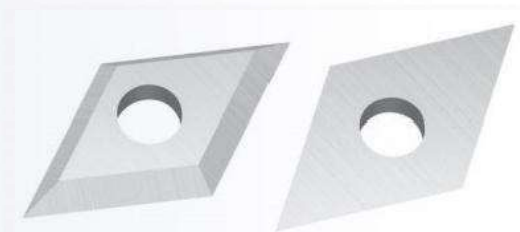
L(mm)	W(mm)	T(mm)	a°	R	TBK30	TBK20/C	TBK10
11.0	11.0	1.5	40°	50			
11.0	11.0	2.0	30°	50			●
11.0	11.0	2.0	40°	50	●	●	
13.8	13.8	2.5	30°	150		●	
14.0	14.0	2.0	30°	100			●
14.0	14.0	2.0	30°	150			
14.6	14.6	2.5	30°	150		●	
14.6	14.6	2.5	35°	150			
15.0	15.0	2.5	30°	30	●		
15.0	15.0	2.5	30°	50			
15.0	15.0	2.5	30°	95		●	
15.0	15.0	2.5	30°	100			
15.0	15.0	2.5	30°	115			
15.0	15.0	2.5	30°	150			
15.0	15.0	2.5	30°	180			
15.0	15.0	2.5	30°	200		●	
15.0	15.0	2.5	37°	100			
15.0	15.0	2.5	37°	150	●		
15.0	15.0	2.5	40°	150			
16.5	16.5	2.8	30°	50			●



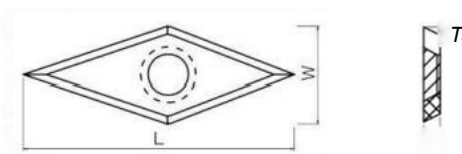
L(mm)	W(mm)	T(mm)	TBK30	TBK20
14.00	14.00	3.00	●	
18.00	18.00	1.95		●
18.00	18.00	2.45		
18.00	18.00	2.95		

Note: Other specifications in this series can be customized

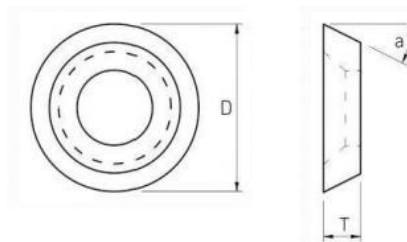
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L(mm)	W(mm)	T(mm)	TBK30	TBK20
10.30	10.30	2.00		
12.60	12.60	3.20	●	
13.52	13.52	2.50		●
26.98	26.98	2.54		
37.91	37.91	2.79		



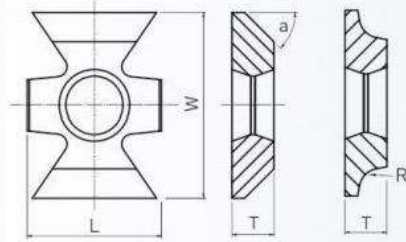
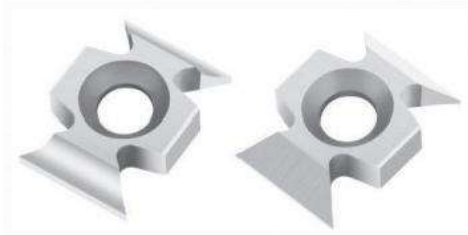
L (mm)	W (mm)	T (mm)	a°	R	TBK30
31.0	10.0	2.5	20°	0.1	
30.0	10.0	2.5	20°	0.4	●
28.0	10.0	2.5	20°	0.8	



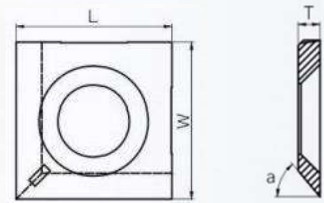
D (mm)	T (mm)	a°	TBK30
8.90	1.85	30°	
11.50	1.85	30°	
11.50	2.80	30°	
14.00	2.00	30°	
14.80	3.20	27°	●
15.00	2.50	30°	
15.00	3.20	30°	
18.00	3.00	30°	

Note: Other specifications in this series can be customized

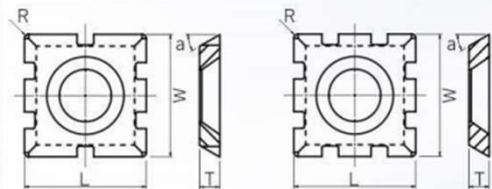
www.toolingbox.com



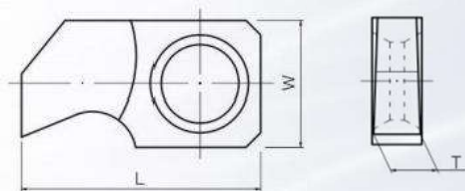
L (mm)	W (mm)	T (mm)	a°	R	TBK30	TBK20
16.0	22.0	5.0	45°			●
16.0	22.0	5.0		1.0		
16.0	22.0	5.0		1.5		
16.0	22.0	5.0		2.0	●	
16.0	22.0	5.0		2.5		
16.0	22.0	5.0		3.0		



L (mm)	W (mm)	T (mm)	a°	TBK30	TBK20/C
14.3	14.3	2	50°		●
14.33	14.33	2	50°	●	



L (mm)	W (mm)	T (mm)	a°	G	TBK20/C
15.0	15.0	2.5	30°	6	●
15.0	15.0	2.5	30°	8	



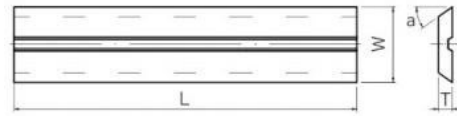
L (mm)	W (mm)	T (mm)	TBK20/C
24.5	13.0	4.0	●
24.5	13.0	5.0	

Note: Other specifications in this series can be customized

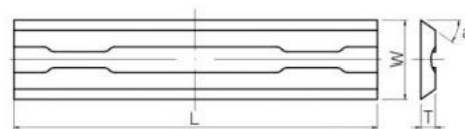
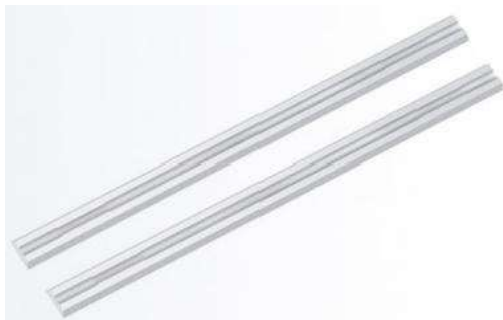
www.toolingbox.com



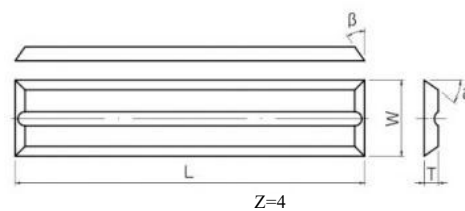
## Planer Blades



L (mm)	W (mm)	T (mm)	a°	TBK20/C	TBK10
7.7	8.0	1.5	40°	●	
14.7	8.0	1.5	40°		●
14.7	8.0	1.5	45°		
24.7	8.0	1.5	40°	●	
25.0	8.0	1.5	40°		●
30.0	8.0	1.5	40°		
40.0	8.0	1.5	40°	●	
50.0	8.0	1.5	40°		●
120.0	8.0	1.5	50°		
79.5	8.0	2.0	40°	●	
130.0	8.0	2.0	40°		●
180.0	8.0	2.0	40°	●	



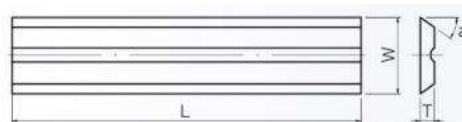
L (mm)	W (mm)	T (mm)	a°	TBK20/C	TBK10
82.0	5.5	1.1	35°	●	●



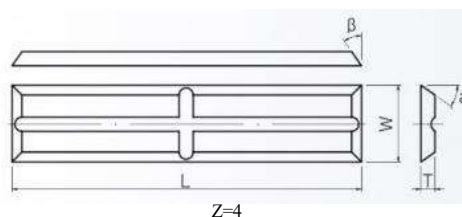
L (mm)	W (mm)	T (mm)	a°	TBK10
20.0	5.5	1.1	35°	●

Note: Other specifications in this series can be customized

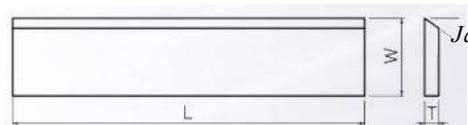
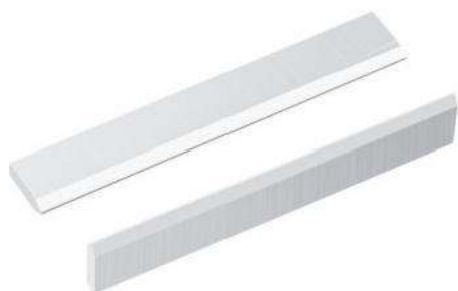
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L (mm)	W (mm)	T (mm)	a°	TBK30	TBK20	TBK10
56.1	5.5	1.1	35°	●		
56.0	5.5	1.1	45°			●
20.0	5.5	1.1	35°	●		
82.0	5.65	1.2	40°			●
82.0	5.5	1.1	35°		●	



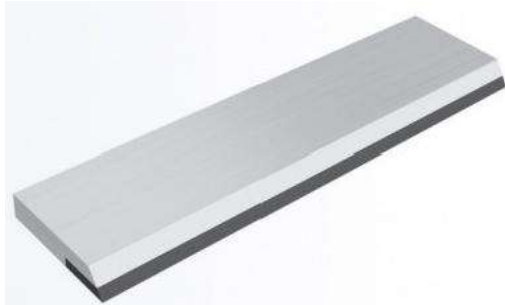
L (mm)	W (mm)	T (mm)	a°	TBK10
20.0	4.1	1.1	35°	●
20.0	5.5	1.1	35°	
25.0	5.5	1.1	35°	
30.0	5.5	1.1	35°	
40.0	5.5	1.1	35°	
50.0	5.5	1.1	35°	



L (mm)	W (mm)	T (mm)	a°	TBK20	TBK10
130.0	16.0	3.0	40°	●	
136.0	25.0	3.0	50°		●
240.0	16.0	3.0	40°	●	

Note: Other specifications in this series can be customized

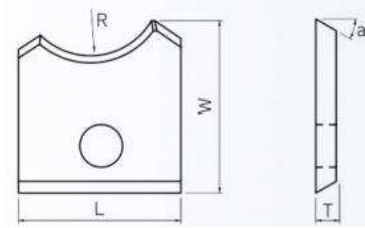
www.tolingbox.com



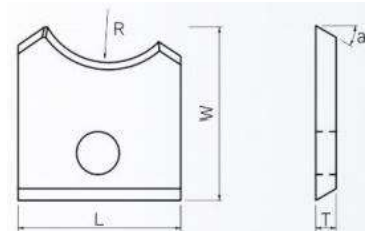
L (mm)	W (mm)	T (mm)	HM (mm)
80.0	25/30/35	3.0	10
100.0	25/30/35	3.0	10
110.0	25/30/35	3.0	10
120.0	25/30/35	3.0	10
130.0	25/30/35	3.0	10
150.0	25/30/35	3.0	10
160.0	25/30/35	3.0	10
170.0	25/30/35	3.0	10
180.0	25/30/35	3.0	10
210.0	25/30/35	3.0	10
230.0	25/30/35	3.0	10
240.0	25/30/35	3.0	10
260.0	25/30/35	3.0	10
300.0	25/30/35	3.0	10
310.0	25/30/35	3.0	10
320.0	25/30/35	3.0	10
330.0	25/30/35	3.0	10
340.0	25/30/35	3.0	10
350.0	25/30/35	3.0	10
370.0	25/30/35	3.0	10
380.0	25/30/35	3.0	10
400.0	25/30/35	3.0	10
410.0	25/30/35	3.0	10
430.0	25/30/35	3.0	10
440.0	25/30/35	3.0	10
450.0	25/30/35	3.0	10
460.0	25/30/35	3.0	10
500.0	25/30/35	3.0	10
510.0	25/30/35	3.0	10
530.0	25/30/35	3.0	10
540.0	25/30/35	3.0	10
580.0	25/30/35	3.0	10
600.0	25/30/35	3.0	10

Note: Other specifications in this series can be customized

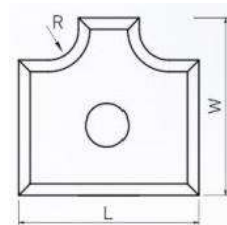
[www.toolingbox.com](http://www.toolingbox.com)



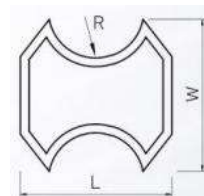
L (mm)	W (mm)	T (mm)	R	TBK30
16.0	17.0	2.0	1.5	●
16.0	17.0	2.0	2	
16.0	17.0	2.0	3	



L (mm)	W (mm)	T (mm)	R	TBK30
16.0	17.0	2.0	1.5	●
16.0	17.0	2.0	2	
16.0	17.0	2.0	3	



L (mm)	W (mm)	T (mm)	R	TBK30
20.0	16.2	2.0	2	●
20.0	16.2	2.0	3	

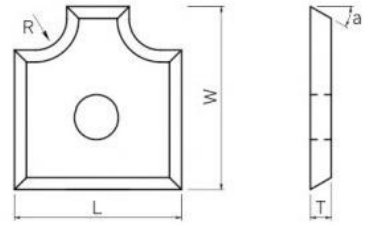
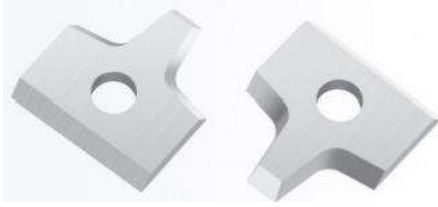


L (mm)	W (mm)	T (mm)	R	TBK30
12.7	12.7	3.2	1	●
12.7	12.7	3.2	1.5	
12.7	12.7	3.2	2	
12.7	12.7	3.2	3	

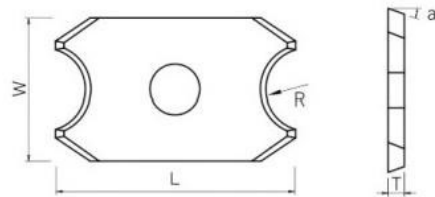
Note: Other specifications in this series can be customized

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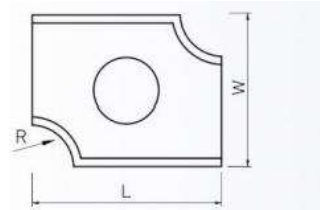
L (mm)	W (mm)	T (mm)	R	TBK30
12.0	13.5	2.0	1	●
12.0	13.5	2.0	1.5	
12.0	13.5	2.0	2	
12.0	13.5	2.0	2.5	
12.0	13.5	2.0	3	
16.0	14.4	2.0	2	
16.0	17.5	2.0	1	
16.0	17.5	2.0	1.5	
16.0	17.5	2.0	2	
16.0	17.5	2.0	2.5	
16.0	17.5	2.0	3	
16.0	17.5	2.0	3.2	
16.0	17.5	2.0	4	
16.0	17.5	2.0	5	
16.0	17.5	2.0	6	
20.0	21.0	2.0	3	
20.0	21.0	2.0	4	
20.0	21.0	2.0	6	



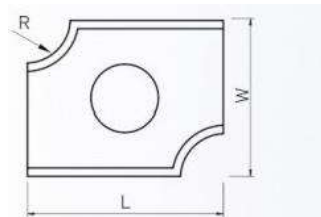
L (mm)	W (mm)	T (mm)	R	TBK30
20.0	12.0	2.0	1	●
20.0	12.0	2.0	1.2	
20.0	12.0	2.0	1.3	
20.0	12.0	2.0	1.5	
20.0	12.0	2.0	1.8	
20.0	12.0	2.0	2	
20.0	12.0	2.0	2.5	
20.0	12.0	2.0	3	
20.0	12.0	2.0	4	
20.0	12.0	2.0	4.5	

Note: Other specifications in this series can be customized

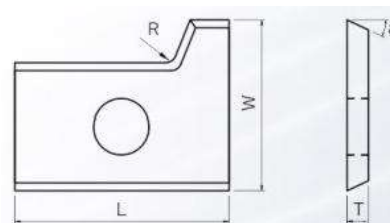
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L (mm)	W (mm)	T (mm)	R	TBK30	TBK20	TBK10
15.0	12.0	1.5	3	●		
15.0	12.0	1.5	2		●	
20.0	16.0	2.0	2	●		
20.0	16.0	2.0	3			●



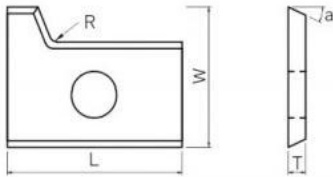
L (mm)	W (mm)	T (mm)	R	TBK30	TBK20	TBK10
15.0	12.0	1.5	3	●		
15.0	12.0	1.5	2		●	
20.0	16.0	2.0	2	●		●
20.0	16.0	2.0	3			



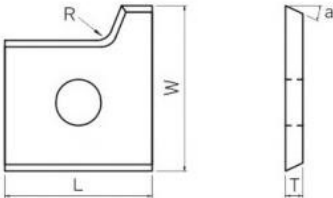
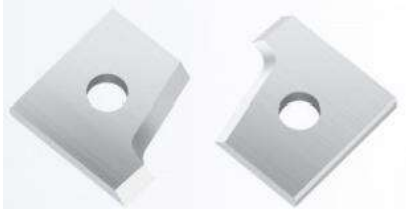
L (mm)	W (mm)	T (mm)	R	TBK30
19.6	15.2	2.0	2	●
19.6	15.2	2.0	3	
14.5	14.4	2.0	2	
20.0	15.8	2.0	1	
20.0	15.8	2.0	2	
20.0	15.8	2.0	3	

Note: Other specifications in this series can be customized

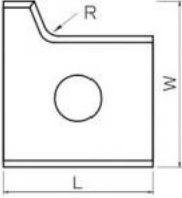
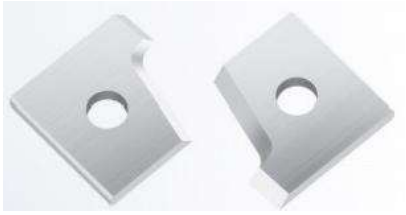
# Radius Profile Knives



L (mm)	W (mm)	T (mm)	R	TBK30
19.6	15.2	2.0	2	●
19.6	15.2	2.0	3	
14.5	14.4	2.0	2	
20.0	15.8	2.0	1	
20.0	15.8	2.0	2	
20.0	15.8	2.0	3	

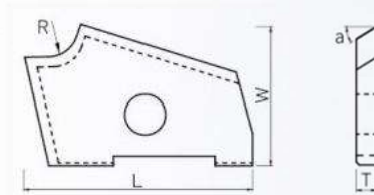


L (mm)	W (mm)	T (mm)	R	TBK30
12.0	14.5	2.0	2	●
12.0	14.5	2.0	3	
16.0	16.1	2.0	1.5	
16.0	16.5	2.0	1.5	
16.0	16.5	2.0	2	
16.0	16.7	2.0	1.5	
16.0	16.7	2.0	2	
16.0	16.9	2.0	2	

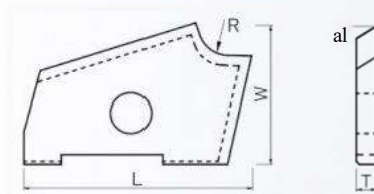
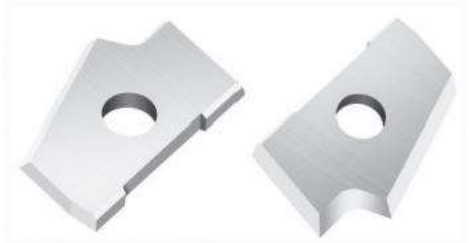


L (mm)	W (mm)	T (mm)	R	TBK30
12.0	14.5	2.0	2	●
12.0	14.5	2.0	3	
16.0	16.1	2.0	1.5	
16.0	16.5	2.0	1.5	
16.0	16.5	2.0	2	
16.0	16.7	2.0	1.5	
16.0	16.7	2.0	2	
16.0	16.9	2.0	2	

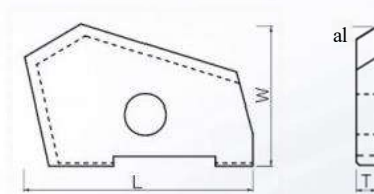
Note: Other specifications in this series can be customized



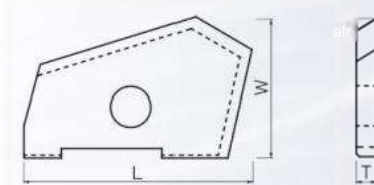
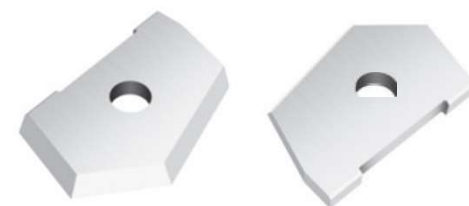
L (mm)	W (mm)	T (mm)	R	TBK30	TBK20
22.30	14.00	2.00	1.5		●
22.30	14.50	2.00	2		
22.32	14.00	2.00	1	●	
22.32	14.00	2.00	2		
22.32	14.00	2.00	3		



L (mm)	W (mm)	T (mm)	R	TBK30	TBK20
22.30	14.00	2.00	1.5		●
22.30	14.50	2.00	2		
22.32	14.00	2.00	1	●	
22.32	14.00	2.00	2		
22.32	14.00	2.00	3		



L (mm)	W (mm)	T (mm)	TBK30
22.3	14.5	2.0	●



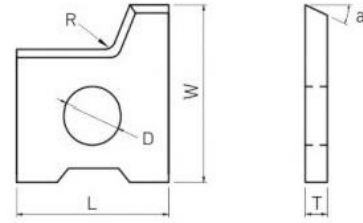
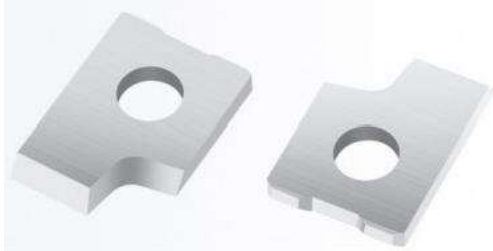
L (mm)	W (mm)	T (mm)	TBK30
22.3	14.5	2.0	●

Note: Other specifications in this series can be customized

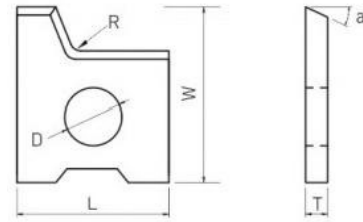
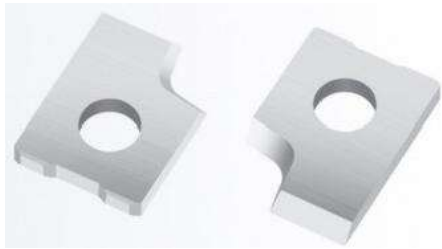
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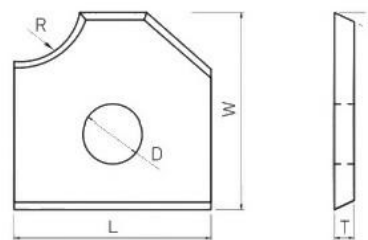
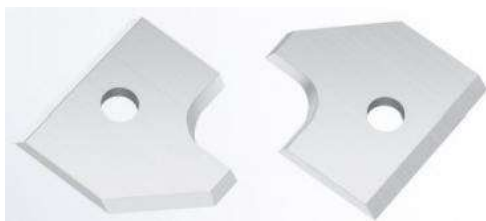
# Radius Profile Knives



L (mm)	W (mm)	T (mm)	d (mm)	R
15.0	14.5	2.0	4.0	2
15.0	14.5	2.0	4.0	2.5
15.0	14.5	2.0	4.0	3
16.1	14.0	2.0	5.0	2
16.1	14.0	2.0	5.0	3



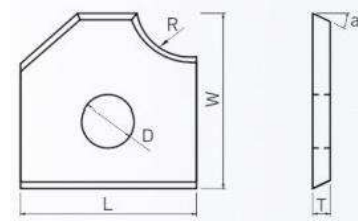
L (mm)	W (mm)	T (mm)	d (mm)	R
15.0	14.5	2.0	4.0	2
15.0	14.5	2.0	4.0	2.5
15.0	14.5	2.0	4.0	3
16.1	14.0	2.0	5.0	2
16.1	14.0	2.0	5.0	3



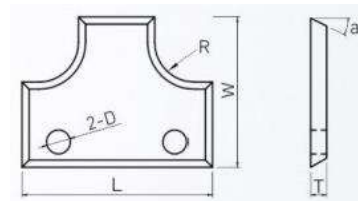
L (mm)	W (mm)	T (mm)	d (mm)	R
20.0	20.5	2.0	4.0	2
20.0	20.5	2.0	4.0	3
20.0	20.5	2.0	4.0	4
20.0	20.5	2.0	4.0	5
20.0	20.5	2.0	4.0	6

Note: Other specifications in this series can be customized

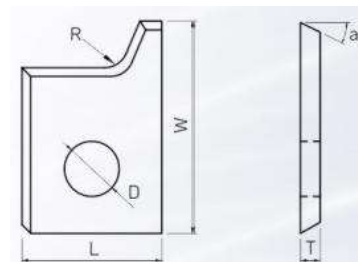
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L (mm)	W (mm)	T (mm)	d (mm)	R
20.0	20.5	2.0	4.0	2
20.0	20.5	2.0	4.0	3
20.0	20.5	2.0	4.0	4
20.0	20.5	2.0	4.0	5
20.0	20.5	2.0	4.0	6

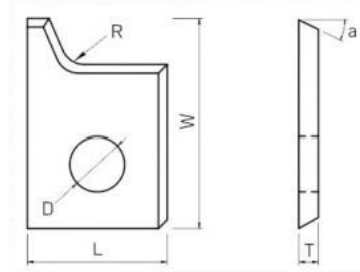


L (mm)	W (mm)	T (mm)	d (mm)	a°	R
20.8	15.0	2.0	4.0	12°	2
20.8	15.0	2.0	4.0	12°	3
20.8	15.0	2.0	4.0	12°	4
30.0	17.0	2.0	4.0	20°	5
30.0	17.0	2.0	4.0	20°	6
30.0	17.0	2.0	4.0	20°	7
30.0	17.0	2.0	4.0	20°	8
30.5	16.5	2.0	3.2	20°	5
30.5	16.5	2.0	3.2	20°	6
30.5	16.5	2.0	3.2	20°	7
30.5	16.5	2.0	3.2	20°	8

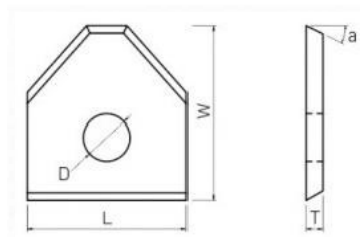
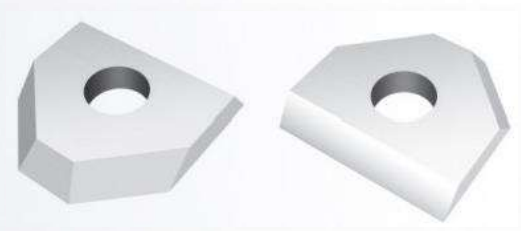


L (mm)	W (mm)	T (mm)	d (mm)	R
12.0	18.0	2.0	4.0	2
12.0	18.0	2.0	4.0	3

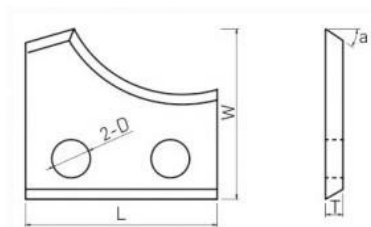
Note: Other specifications in this series can be customized



L (mm)	W (mm)	T (mm)	d (mm)	R
12.0	18.0	2.0	4.0	2
12.0	18.0	2.0	4.0	3



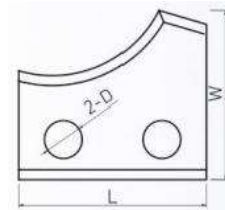
L (mm)	W (mm)	T (mm)	d (mm)	a °
12.0	12.0	1.5	4.0	45°
16.0	17.5	2.0	4.0	45°
16.0	17.5	2.0	4.4	45°
16.0	17.5	2.0	3.5	45°



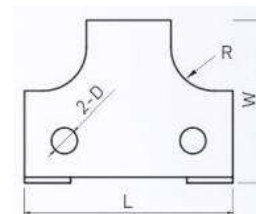
L (mm)	W (mm)	T (mm)	d (mm)	a °	R
21.8	19.5	2.0	3.0	12°	10
21.8	19.5	2.0	3.0	12°	12
21.5	20.0	2.0	3.0	12°	9
21.5	20.0	2.0	3.0	12°	10
21.5	20.0	2.0	3.0	12°	11
21.5	20.0	2.0	3.0	12°	12

Note: Other specifications in this series can be customized

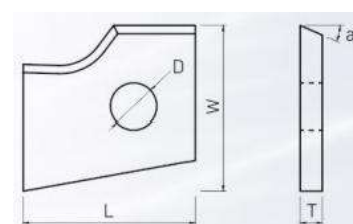
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L (mm)	W (mm)	T (mm)	d (mm)	a°	R
21.8	19.5	2.0	3.0	12°	10
21.8	19.5	2.0	3.0	12°	12
21.5	20.0	2.0	3.0	12°	9
21.5	20.0	2.0	3.0	12°	10
21.5	20.0	2.0	3.0	12°	11
21.5	20.0	2.0	3.0	12°	12



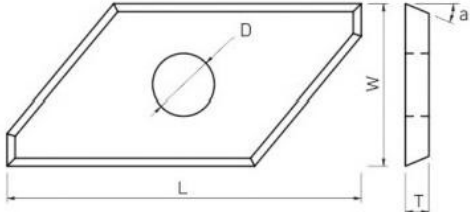
L (mm)	W (mm)	T (mm)	d (mm)	R
20.0	11.5	2.0	4.5	1.5
20.0	11.5	2.0	4.5	2
20.0	11.5	2.0	4.5	2.5
20.0	11.5	2.0	4.5	3



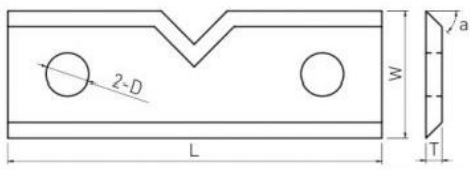
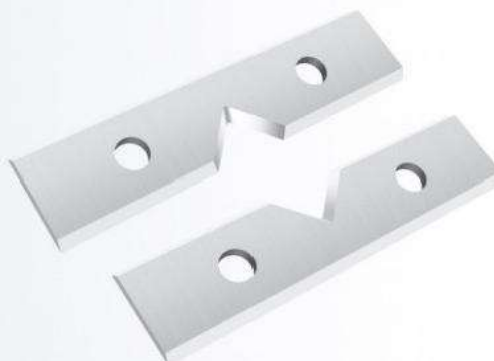
L (mm)	W (mm)	T (mm)	d (mm)	R
15.5	15.2	1.5	4.6	3

Note: Other specifications in this series can be customized

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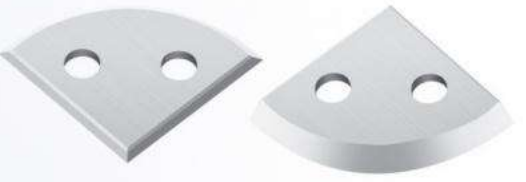
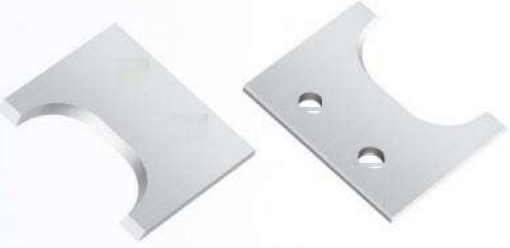
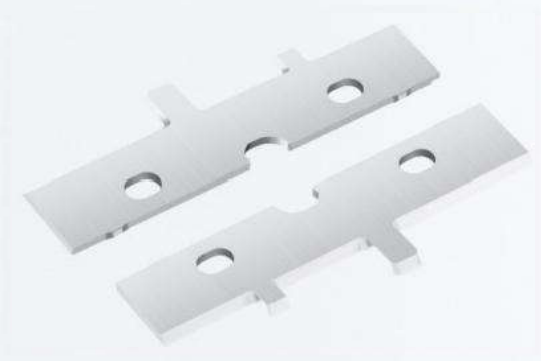


L (mm)	W (mm)	T (mm)	d (mm)	R
19.5	9.0	1.5	4.0	3
19.5	9.0	1.5	4.0	4
19.5	9.0	1.5	4.0	5
19.5	12.0	1.5	4.0	2
19.5	12.0	1.5	4.0	3
19.5	12.0	1.5	4.0	4
19.5	12.0	1.5	4.0	5

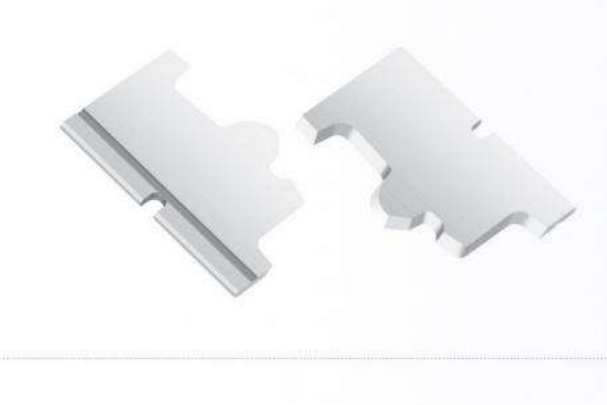


L (mm)	W (mm)	T (mm)	d (mm)
39.5	12.0	1.5	4.0

Note: Other specifications in this series can be customized









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