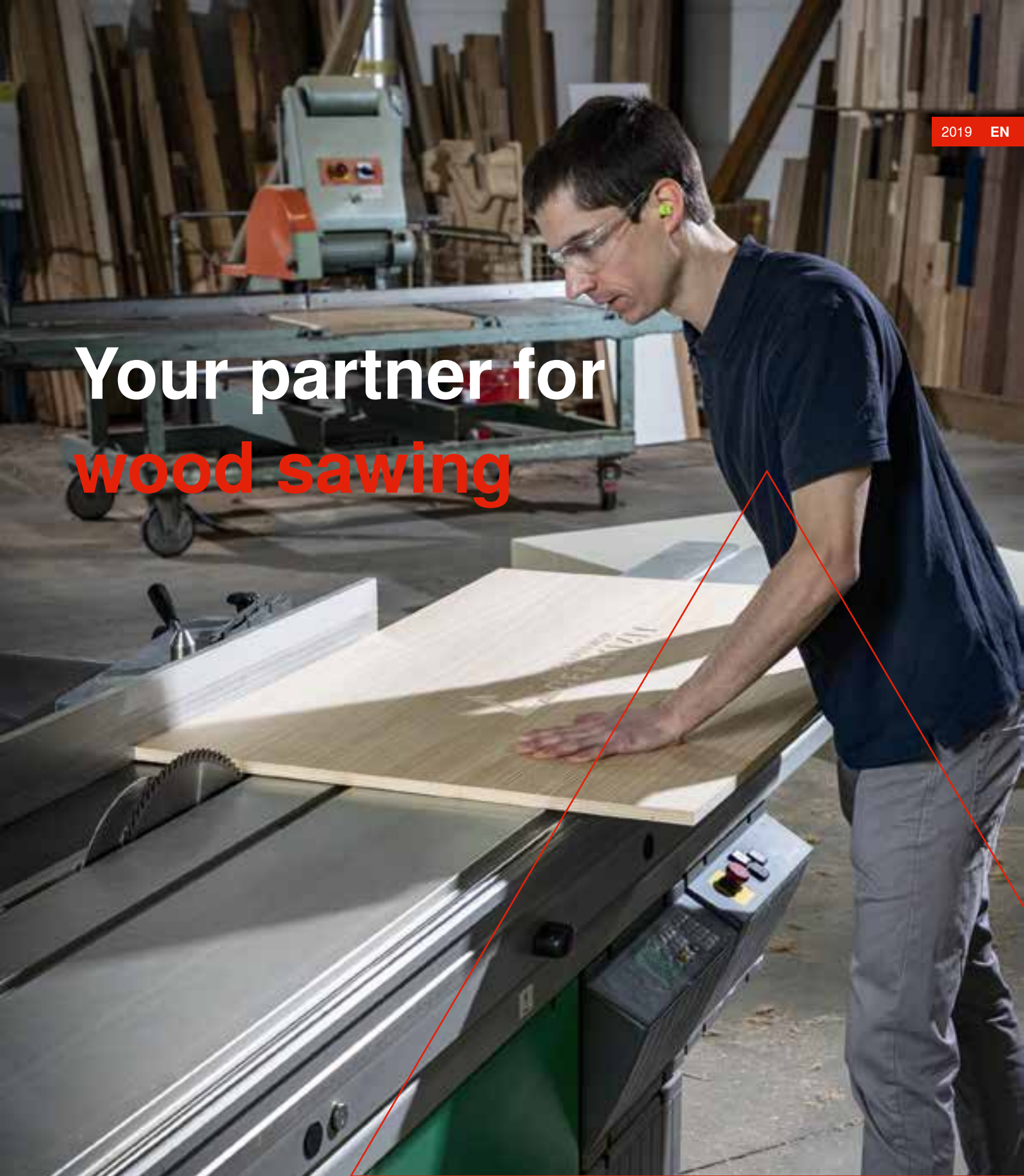


Your partner for wood sawing




CERATIZIT is a high-tech engineering group specialised in tooling and hard material technologies.

Tooling the Future

www.ceratizit.com

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Saw tips for wood sawing

Improved carbide grades for wood sawing offer you even more flexibility: whether it is for softwood or for hardwood, for the sawing of fibre or particle boards – our continuously growing selection of KCR grades has successfully proved its worth on the market.

All of our carbide grades for saw tips and strobe blanks presented can be surface-treated to simplify your brazing process, thus offering faster and easier further processing.



Grades for wood sawing

Grade	Binder	Grain size	Hardness		Fracture toughness (SEVNB) [MPa·m ^{1/2}]	Transverse rupture strength [MPa]
			[HV10]	[HRA]		
KCR02+	2.0	nano	2240	95.0	7.5	2500
KCR05+	3.0	ultrafine	2160	94.5	7.8	2900
KCR06	3.0	submicron	1950	93.6	8.5	2600
KCR10	4.0	fine	1780	92.8	10.1	2800
KCR18+	9.5	submicron	1590	91.7	10.8	3750
KCR32	10.0	coarse	1140	87.7	16.5	2600
GC32	10.0	coarse	1130	87.6	18.0	2600
CTOPP10	10.0	submicron	1570	91.6	10.0	3000

Please note: the information given here is for illustrative purposes only, and does not constitute either a specification or a representation.

Tips for circular saws

For circular saw tips, we offer a wide variety of geometries: different sizes, angles and radii are available in metric and inch measures. Of course we also offer other dimensions on demand. Our saw tips are also available with pre-tinning to simplify your brazing process.





Grade recommendation

There are numerous advantages from using our KCR grades: higher process reliability due to corrosion and oxidation resistance during cutting, higher performance potential thanks to the improved ratio of hardness to fracture toughness.



Grade	Winter primary wood	Summer primary wood	Softwood	Hardwood	Chipboard	MDF	HDF
KCR02+					• •	• • • •	• • • •
KCR05+				• • •	• • • •	• • •	• • •
KCR06				• • • •	• • •	• •	• •
KCR10	•	• • •	• • • •	• • •			
KCR18+	• •	• • • •	• • •	• •			
KCR32*	• • • •	• •					
GC32*	• • • •	• •					
CTOPP10		• •	• • •	•			

KCR32*: better corrosion resistance
 GC32*: better toughness

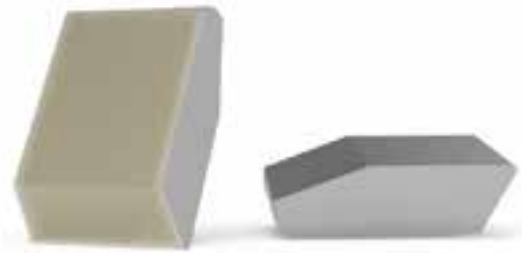


Grade	Binder	Grain size	Hardness		Fracture toughness (SEVNB) [MPa*m ^{1/2}]	Transverse rupture strength [MPa]
			[HV10]	[HRA]		
KCR02+	2.0	nano	2240	95.0	7.5	2500
KCR05+	3.0	ultrafine	2160	94.5	7.8	2900
KCR06	3.0	submicron	1950	93.6	8.5	2600
KCR10	4.0	fine	1780	92.8	10.1	2800
KCR18+	9.5	submicron	1590	91.7	10.8	3750
KCR32	10.0	coarse	1140	87.7	16.5	2600
GC32	10.0	coarse	1130	87.6	18.0	2600
CTOPP10	10.0	submicron	1570	91.6	10.0	3000

Please note: the information given here is for illustrative purposes only, and does not constitute either a specification or a representation.

Pre-tinned – most popular

In view of their success on the market, we are happy to introduce you to our most popular pre-tinned saw tips. All straight style tips are pre-tinned with what is known as 'tri-foil' (DA), whereas Canadian style tips are pre-tinned with pure silver (PT).



MOST POPULAR

CERATIZIT designation system

Straight Style

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	11748	—	10.5	X	3.8	X	2.5	TS90	KCR06

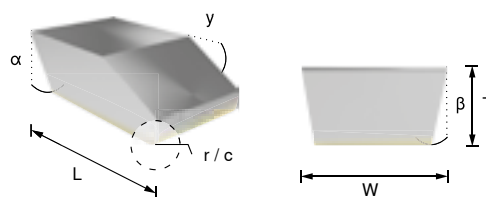
CERATIZIT designation system

Canadian Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WFC 7	(0.)140	PT	KCR32

Pre-tinned

Straight Style

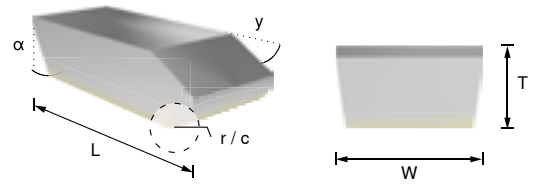


Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	r [mm]	KCR10	KCR32	CTOPP10
16387	6.5	3.0	2.0	30	65	0.9	12078937		
11460	7.0	4.3	2.0	28	67	0.6	12217520		
10975	8.5	3.6	2.5	28	70	0.8	12053566		
10975	8.5	3.8	2.5	28	70	0.8	12107159		
10975	8.5	5.0	2.5	28	70	0.8	12053595		
11748	10.5	4.1	2.5	28	70	0.8		12539016	
12356	10.5	3.8	3.0	28	70	0.8	12053649		
12356	10.5	4.1	3.0	28	70	0.8			11863111
12356	10.5	5.0	3.0	28	70	0.8	12053659		
26457	10.5	3.5	3.5	28	60	0.8	12103737		
26457	10.5	4.0	3.5	28	60	0.8	12053837		11823915
26457	10.5	4.5	3.5	28	60	0.8	12053838		11795473
26457	10.5	4.8	3.5	28	60	0.8			12072807
26457	10.5	5.0	3.5	28	60	0.8	12020805	12065296	11841250
17037	8.0	2.9	2.3	28	70	0.8	12053665		
26457	10.5	5.0	3.5	28	60	0.8			
26457	10.5	5.5	3.5	28	60	0.8	12047375	12065298	11823960
26457	10.5	6.0	3.5	28	60	0.8	12047371	12021110	11824924
26457	10.5	6.5	3.5	28	60	0.8	12053842		
26457	10.5	8.5	3.5	28	60	0.8	12053848		
60589	10.5	6.0	4.0	28	60	0.8		12112113	
24150	12.5	6.0	4.0	30	70	0.8	12053813		
38376	13.0	4.0	4.0	30	45	0.9	12110941		
38376	13.0	6.0	4.0	30	45	0.9	12105341		
38376	13.0	6.3	4.0	30	45	0.9	12062785		
38376	13.0	6.5	4.0	30	45	0.9	12041458		

Note: For the complete programme, please see further info in the "full range" section.

Pre-tinned

Canadian Style – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	γ [°]	r [inch]	c [inch]	Chamfer angle [°]	KCR18+	KCR32	CTOPP10
WDC 7215	0.312	0.215	0.093	30	60	0.030			12380621		
WEC 7165	0.375	0.165	0.093	30	60	0.047			12330090		
WEC 7185	0.375	0.185	0.093	30	60	0.047					11965166
WGC 7200	0.375	0.200	0.125	30	60	0.030				12135735	
WGC 7215	0.375	0.215	0.125	30	60	0.030				12118386	
WGC 7220	0.375	0.220	0.125	30	60	0.030				12086725	
WGC 7230	0.375	0.230	0.125	30	60	0.030				12135736	11773664
WGC 7250	0.375	0.250	0.125	30	60	0.030				12141198	11773660
WGC 7260	0.375	0.260	0.125	30	60	0.030					12044217
WGC 7270	0.375	0.270	0.125	30	60	0.030					12044220
WGC 7300	0.375	0.300	0.125	30	60	0.030					12032026
WFC 7140	0.500	0.140	0.125	35	70		0.030	45		11982185	
WFC 7150	0.500	0.150	0.125	35	70		0.030	45		11982206	11986160
WFC 7160	0.500	0.160	0.125	35	70		0.030	45		11982209	
WFC 7170	0.500	0.170	0.125	35	70		0.030	45		11982211	
WFC 7180	0.500	0.180	0.125	35	70		0.030	45		12040860	11773601
WFC 7190	0.500	0.190	0.125	35	70		0.030	45		12006429	11986164
WFC 7200	0.500	0.200	0.125	35	70		0.030	45	12340737	12031316	11773616
WFC 7250	0.500	0.250	0.125	35	70		0.030	45	12360993		
WFC 7280	0.500	0.280	0.125	35	70		0.030	45		12137663	

Note: For the complete programme, please see further info in the "full range" section.



Straight Style – most popular

Based on our experience in circular sawing production, we offer a large range of straight teeth. Whether it is for cutting primary wood or panel sawing – we have the right solution for your tools. The tables on the next pages regroup our most popular products by material number according to specific grades and width. For the complete programme, please see further info in the 'Straight style – full range' section.

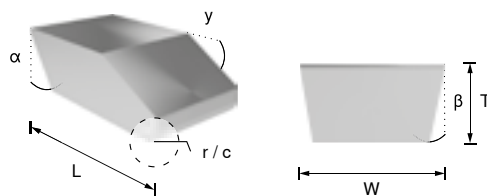


CERATIZIT designation system

Straight Style

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	11748	—	10.5	X	3.8	X	2.5	TS90	KCR06

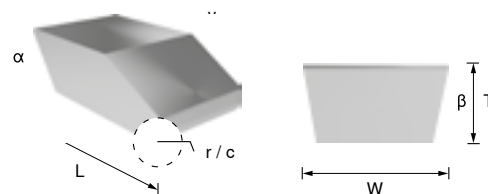
Straight Style



Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]	KCR05+	KCR06	KCR10	KCR18+	KCR32	CTOPP10
60357	4.0	1.5	1.5	20	60	0.5							12273352	
25375	6.0	3.0	1.8	28	45		0.5	45					12079176	
31440	6.5	2.2	2.0	28	57	0.9							11774999	
31440	6.5	2.4	2.0	28	57	0.9							12053853	
31440	6.5	2.6	2.0	28	57	0.9							12053856	11801751
31440	6.5	3.5	2.0	28	57	0.9							12054244	
31440	6.5	3.1	2.0	28	57	0.9								11998188
31450	6.5	3.3	2.0	28	56	0.9							12009006	
31440	6.5	3.3	2.0	28	57	0.9				6252486				
11460	7.0	3.4	2.0	28	67	0.6			11712456					
26014	7.5	3.5	2.5	28	70	1.0				11867272				
17037	8.0	2.5	2.3	28	70	0.8								11805382
17037	8.0	2.8	2.3	28	70	0.8				6227989	11858116			11830473
31450	6.5	3.2	2.0	28	56	0.9							12053865	
17037	8.0	2.8	2.3	28	70	0.8								
17037	8.0	2.9	2.3	28	70	0.8								11790333
17037	8.0	3.0	2.3	28	70	0.8						11774560		
17037	8.0	3.2	2.3	28	70	0.8				6200391				11806734
17037	8.0	3.3	2.3	28	70	0.8			11648555	6226048	11812700			
17037	8.0	3.5	2.3	28	70	0.8			11533122	6219029	11533121			11719642
17037	8.0	3.6	2.3	28	70	0.8			11816411	6200392	12053667			11756732
17037	8.0	3.8	2.3	28	70	0.8				6200412	12053668			11756734
17037	8.0	3.9	2.3	28	70	0.8						11838445		
17037	8.0	4.0	2.3	28	70	0.8				6200394				
17037	8.0	4.3	2.3	28	70	0.8						11964672		
17037	8.0	4.4	2.3	28	70	0.8				11202938				11892070
17037	8.0	4.5	2.3	28	70	0.8				6200393				
17037	8.0	4.7	2.3	28	70	0.8							12096640	

Note: For the complete programme, please see further info in the "full range" section.

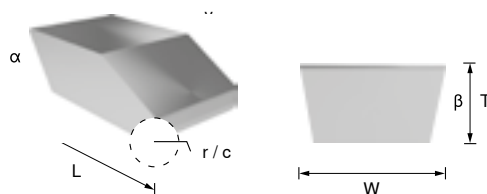
Straight Style



Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]						
									KCR05+	KCR06	KCR10	KCR18+	KCR32	CTOPP10
17037	8.0	5.0	2.3	28	70	0.8			6100750	11821906				
60122	8.0	3.3	2.5	29	64	0.9			11945889					
60122	8.0	3.4	2.5	29	64	0.9			11852817					
11963	8.0	3.4	2.5	28	70	0.8			11561979					
51534	8.0	3.4	2.5	29	64	0.9			11927671					
60122	8.0	3.5	2.5	29	64	0.9			11865324					
11963	8.0	3.5	2.5	28	70	0.8			11538717					
11963	8.0	4.2	2.5	28	70	0.8					12053635			
11963	8.0	4.3	2.5	28	70	0.8					12053637			
60122	8.0	4.4	2.5	29	64	0.9			11903728					
11963	8.0	4.6	2.5	28	70	0.8				6272261				
60122	8.0	4.7	2.5	29	64	0.9				12170653				
11963	8.0	4.7	2.5	28	70	0.8					12069356			
60122	8.0	4.8	2.5	29	64	0.9			12041521					
10975	8.5	3.3	2.5	28	70	0.8				6223145				
10975	8.5	3.4	2.5	28	70	0.8			11695032	6226819				
10975	8.5	3.5	2.5	28	70	0.8			11533128	6228597	11533127			11719644
10975	8.5	3.6	2.5	28	70	0.8			11773842	6100741	12053567			
10975	8.5	3.8	2.5	28	70	0.8			11553831	6221273	12053576			
10975	8.5	4.1	2.5	28	70	0.8					12053585			
10975	8.5	4.3	2.5	28	70	0.8			11756601	6110276				
25618	9.0	3.4	2.7	28	65	1.0			11603550					
25618	9.0	3.5	2.7	28	65	1.0					12053827			
25618	9.0	3.6	2.7	28	65	1.0				11454136				
25618	9.0	3.7	2.7	28	65	1.0			11756659					
25618	9.0	3.8	2.7	28	65	1.0			11791304					
25618	9.0	4.3	2.7	28	65	1.0					12053832			
25618	9.0	4.4	2.7	28	65	1.0					12053834			
60122	10.0	4.7	3.0	28	65	0.8			11865335					
22180	10.5	2.8	2.3	28	72		0.5	45						11891983

Note: For the complete programme, please see further info in the "full range" section.

Straight Style



Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]	KCR05+	KCR06	KCR10	KCR18+	KCR32	CTOPP10
11748	10.5	3.3	2.5	28	70	0.8			6223146					
60122	10.5	3.3	2.5	27	70	0.8			11869006					
11748	10.5	3.4	2.5	28	70	0.8						11784234		
11748	10.5	3.5	2.5	28	70	0.8			11533134	6109685	11533132			11756716
11748	10.5	3.6	2.5	28	70	0.8				6200389	11988498			
60122	10.5	3.6	2.5	27	70	0.8			11869007					
11748	10.5	3.8	2.5	28	70	0.8			11714765	6219259	11784236			
11748	10.5	4.3	2.5	28	70	0.8						11774556		
60126	10.5	3.5	3.0	28	65	0.8						11862578		
12356	10.5	3.6	3.0	28	70	0.8						12065841		
12356	10.5	3.8	3.0	28	70	0.8						11774540		
12356	10.5	4.1	3.0	28	70	0.8						11774542		
12356	10.5	4.3	3.0	28	70	0.8						11621806		
12356	10.5	4.5	3.0	28	70	0.8						11539170		
60126	10.5	4.6	3.0	28	65	0.8			11844649					
12356	10.5	4.6	3.0	28	70	0.8			11533572					
12356	10.5	4.7	3.0	28	70	0.8			11589566					
12356	10.5	4.8	3.0	28	70	0.8			11563211	6200401				
60126	10.5	5.0	3.0	28	65	0.8			11844650					
12356	10.5	5.0	3.0	28	70	0.8			11538695					
26457	10.5	3.5	3.5	28	60	0.8						11645835		
26457	10.5	4.0	3.5	28	60	0.8						11645842		
26457	10.5	4.5	3.5	28	60	0.8						11746876		11783874
26457	10.5	4.8	3.5	28	60	0.8			11586988					
26457	10.5	5.0	3.5	28	60	0.8						11533119		11756737
26457	10.5	5.5	3.5	28	60	0.8						11746874	11863617	11756735
26457	10.5	6.0	3.5	28	60	0.8						11607750		11770223
26457	10.5	6.5	3.5	28	60	0.8						11755196		

Note: For the complete programme, please see further info in the "full range" section.

Straight Style – full range

This section covers the complete standard range of straight tips for circular saws. There are also many alternatives available, as for hook, bottom or side angles for example. If you still cannot find the design you are looking for, please consult the catalogue ‘Your partner for technical support’ for more information, or send us the filled out template for enquiries relating to saw tips which is available at the end of the catalogue.



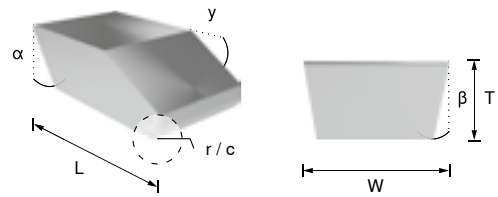
CERATIZIT designation system

Straight Style

	Type, description		Length [mm]		Width [mm]		Thickness [mm]	Surface treatment	Grade
Example	11748	—	10.5	X	3.8	X	2.5	TS90	KCR06

Full range

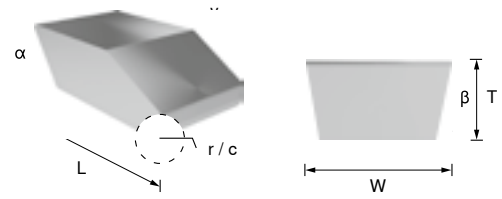
Straight Style



Type, description	L [mm]	W _{min} [mm]	W _{max} [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
60357	4.0	2.0	3.0	1.5	20	0	60	0.5			
45752	4.5	2.0	3.5	1.5	20	0	60	0.5			
28601	5.0	2.0	3.5	1.5	28	0	45		0.5	45	
44670	5.5	2.0	3.5	1.6	20	0	75		0.5	45	
13651	6.0	2.0	3.5	1.8	20	4	63		0.5	45	
25375	6.0	2.0	5.0	1.8	28	0	45		0.5	45	●
25374	6.0	2.0	5.0	2.0	28	0	45		0.5	45	●
16387	6.5	2.0	5.5	2.0	30	5	65	0.9			●
31440	6.5	2.0	6.0	2.0	28	0	57	0.9			●
47015	6.5	2.0	6.5	1.6	28	5	65	0.9			
31450	6.5	2.0	6.5	2.0	28	5	56	0.9			●
51449	6.5	2.0	6.5	2.3	10	2	70	0.5			
29984	7.0	2.0	5.5	2.2	28	6	70	0.9			●
44671	7.0	2.0	7.0	2.3	20	0	76		0.5	45	●
51849	7.0	2.0	8.5	2.5	25	0	56		0.5	45	
11460	7.0	2.0	9.0	2.0	28	6	67	0.6			●
15705	7.5	2.0	6.5	2.0	28	5	70	0.6			●
44814	7.5	2.0	6.5	2.4	30	0	50		0.5	45	●
26014	7.5	2.0	12.5	2.5	28	5	70	1.0			●
51786	8.0	2.0	6.5	3.4	30	0	65	0.8			●
6071	8.0	2.0	8.0	3.0	25	0	45	0.6			●
17037	8.0	2.0	8.5	2.3	28	5	70	0.8			●
60122	8.0	2.0	8.5	2.5	29	5	64	0.9			●
11963	8.0	2.0	10.0	2.5	28	5	70	0.8			●
47784	8.5	2.0	6.0	3.5	25	0	65		0.5	45	
44246	8.5	2.0	7.5	3.2	30	3	60	0.8			●
10975	8.5	2.0	8.5	2.5	28	5	70	0.8			●
41884	8.5	2.0	8.5	3.2	30	3	45	0.8			●



Straight Style



Type, description	L [mm]	W _{min} [mm]	W _{max} [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
24466	9.0	2.0	6.0	2.5	20	0	57		0.5	45	●
25618	9.0	2.0	8.5	2.7	28	4	65	1.0			●
22974	9.0	2.0	9.0	2.7	28	5	45		0.5	45	●
24467	10.0	2.0	7.0	2.5	20	0	65		0.5	45	●
12154	10.0	2.0	8.0	2.8	30	6	70	0.8			●
31591	10.0	2.0	10.0	3.0	15	0	72	0.5			●
50208	10.5	2.0	6.5	3.5	39	5	30	0.5			●
22180	10.5	2.0	7.0	2.3	28	5	70		0.5	45	●
11748	10.5	2.0	10.0	2.5	28	5	70	0.8			●
26457	10.5	2.0	13.0	3.5	28	5	60	0.8			●
12356	10.5	2.0	15.5	3.0	28	5	70	0.8			●
51224	10.5	2.0	6.5	3.2	30	0	60	0.8			
47978	10.5	2.0	11.0	4.0	31	0	75	0.5			
51361	11.0	2.0	8.0	3.5	30	0	63		0.5	45	●
60888	11.0	2.0	8.0	4.0	28	5	60	0.8			
47938	11.5	2.0	6.5	3.0	28	4	72	0.8			
60743	12.0	2.0	7.0	4.0	35	0	0		0.5	45	●
19975	12.0	2.0	12.5	3.5	30	10	45		0.5	45	●
46623	12.5	2.0	9.0	3.5	28	5	70	0.8			●
10529	12.5	2.0	11.5	3.0	30	8	70	0.8			●
24150	12.5	2.0	12.0	4.0	30	0	70	0.8			●
44092	13.0	2.0	12.5	4.0	30	5	60	0.8			●
18246	13.0	2.0	12.5	5.0	35	0	45		0.5	45	
38376	13.0	2.0	16.0	4.0	30	5	45	0.9			●
18160	14.5	2.0	16.0	4.0	30	0	70	0.8			●
17109	15.5	2.0	13.0	5.0	30	0	0		1.0	45	



US Style – most popular

We are always eager to come up with the best solution for all toolmakers around the world. As a result, we offer a list of American style saw tips with dimensions in inches. The following list is based on the available materials in pre-defined grades and dimensions. For the complete US style range, please see further info in section 'US style – full range'.

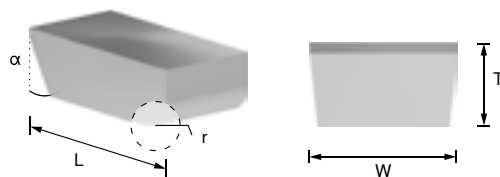


CERATIZIT designation system

US Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WB 7	(0.)150	TS90	KCR10

US Style – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	r [inch]	KCR06	KCR10	KCR18+	KCR32
WA 8100	0.250	0.100	0.062	30	0.024	12133598			
WA 8138	0.250	0.138	0.062	30	0.024	12219342			
WA 7050	0.250	0.050	0.062	30	0.024				
WA 7110	0.250	0.110	0.062	30	0.024				12539242
WA 7115	0.250	0.115	0.062	30	0.024	12162249			
WA 7160	0.250	0.160	0.062	30	0.024	12219930			
WD 7150	0.312	0.150	0.093	30	0.049	6264022			
WD 7185	0.312	0.185	0.093	30	0.049				
WD 7200	0.312	0.200	0.093	30	0.049	6264025		12539229	
WD 7215	0.312	0.215	0.093	30	0.049	6264026		12128679	
WD 7230	0.312	0.230	0.093	30	0.049	6264028			
WD 7250	0.312	0.250	0.093	30	0.049	6264029			
WD 7312	0.312	0.312	0.093	30	0.049			12539000	
WH 7265	0.344	0.265	0.125	30	0.050				
WQ 7530	0.375	0.530	0.156	30	0.047			12316373	
WQ 7560	0.375	0.560	0.156	30	0.047				
WF 7165	0.500	0.165	0.125	30	0.047	11607577			
WF 7200	0.500	0.200	0.125	30	0.047				
WF 7230	0.500	0.230	0.125	30	0.047		12104796		
WF 7312	0.500	0.312	0.125	30	0.047			12539001	

Note: For the complete programme, please see further info in the "full range" section.

US Style – full range

The following tables present the possible range of dimensions available in US style, that is to say in inches, with corresponding values in mm. For any non-standard enquiries, please consult the catalogue 'Your partner for technical support' for more information, or send us the filled out template for enquiries relating to saw tips which is available at the end of the catalogue.



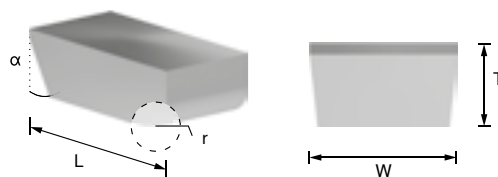
CERATIZIT designation system

US Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WB 7	(0.)150	TS90	KCR10

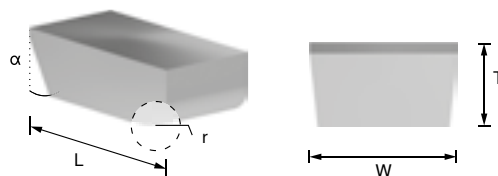
Full range

US Style – [inch]



Type, description	L [inch]	W_{min} [inch]	W_{max} [inch]	T [inch]	α [°]	r [inch]	Pre-tinned possible
WA	0.250	0.085	0.200	0.062	30	0.024	●
WB	0.281	0.119	0.215	0.078	30	0.031	
WC	0.281	0.100	0.200	0.093	30	0.049	
WD	0.312	0.120	0.375	0.093	30	0.049	●
WE	0.375	0.100	0.375	0.093	30	0.047	●
WG	0.375	0.190	0.625	0.125	30	0.047	
WQ	0.375	0.200	0.890	0.156	30	0.047	
WF	0.500	0.120	0.750	0.125	30	0.047	●

US Style – [mm]



Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	r [mm]	Pre-tinned possible
WA	6.35	2.16	5.08	1.57	30	0.60	●
WB	7.14	3.02	5.46	1.98	30	0.80	
WC	7.14	2.54	5.08	2.36	30	1.25	
WD	7.92	3.05	9.53	2.36	30	1.25	●
WE	9.52	2.54	9.53	2.36	30	1.19	●
WG	9.52	4.83	15.88	3.17	30	1.19	
WQ	9.52	5.08	22.61	3.96	30	1.19	
WF	12.70	3.05	19.05	3.18	30	1.20	●

Canadian Style – most popular

Our saw tips in Canadian style are available in inch dimensions. Please find here below a selection of our best-selling products. You will find the complete range of Canadian style saw tips in the next section.

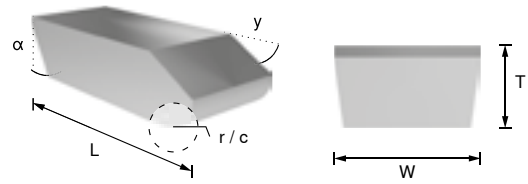


CERATIZIT designation system

Canadian Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WGC 7	(0.)110	TS90	KCR18+

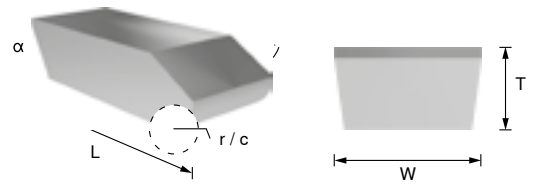
Canadian Style – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	γ [°]	r [inch]	c [inch]	Chamfer angle [°]	KCR05+	KCR06	KCR10	KCR18+	KCR32	CTOPP10
WBC 7085	0.281	0.085	0.078	30	60	0.031								12039523
WBC 7100	0.281	0.100	0.078	30	60	0.031								12039524
WDC 7100	0.312	0.100	0.093	30	60	0.030			12039525					12202151
WDC 7120	0.312	0.120	0.093	30	60	0.030						12128680		11836583
WDC 7125	0.312	0.125	0.093	30	60	0.030			11543132					
WDC 7135	0.312	0.135	0.093	30	60	0.030								12221547
WDC 7140	0.312	0.140	0.093	30	60	0.030			11855130					
WDC 7150	0.312	0.150	0.093	30	60	0.030						12128681		11818129
WDC 7165	0.312	0.165	0.093	30	60	0.030								12118406
WDC 7185	0.312	0.185	0.093	30	60	0.030								11773592
WDC 7200	0.312	0.200	0.093	30	60	0.030			6222240				12054012	11852743
WDC 7215	0.312	0.215	0.093	30	60	0.030			6250261					11773595
WDC 7230	0.312	0.230	0.093	30	60	0.030			6246945					12054013
WDC 7250	0.312	0.250	0.093	30	60	0.030			6264103					11773597
WHC 7135	0.344	0.135	0.125	30	60	0.047			11543726					
WEC 7110	0.375	0.110	0.093	30	60	0.047			12117555					
WEC 7140	0.375	0.140	0.093	30	60	0.047							12143363	
WEC 7215	0.375	0.215	0.093	30	60	0.047								12028324
WGC 7110	0.375	0.110	0.125	30	60	0.030			12156503					
WGC 7120	0.375	0.120	0.125	30	60	0.030					12380756			11826007
WGC 7140	0.375	0.140	0.125	30	60	0.030			11446521					
WGC 7150	0.375	0.150	0.125	30	60	0.030							12074097	
WGC 7170	0.375	0.170	0.125	30	60	0.030								11808386
WGC 7180	0.375	0.180	0.125	30	60	0.030					12060236			11808522
WGC 7190	0.375	0.190	0.125	30	60	0.030			6270430					
WGC 7200	0.375	0.200	0.125	30	60	0.030			6255191					11773658
WGC 7215	0.375	0.215	0.125	30	60	0.030							12168829	11810667
WGC 7220	0.375	0.220	0.125	30	60	0.030							12143081	
WGC 7230	0.375	0.230	0.125	30	60	0.030			6226856				12128070	11773668

Note: For the complete programme, please see further info in the "full range" section.

Canadian Style – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	γ [°]	r [inch]	c [inch]	Chamfer angle [°]							
									KCR05+	KCR06	KCR10	KCR18+	KCR32	CTOPP10	
WGC 7240	0.375	0.240	0.125	30	60	0.030									11844711
WGC 7250	0.375	0.250	0.125	30	60	0.030			6109549						11773661
WGC 7280	0.375	0.280	0.125	30	60	0.030									12054985
WXC 7130	0.437	0.130	0.125	35	70		0.031	45							11828724
WFC 7140	0.500	0.140	0.125	35	70		0.030	45		12243739					
WFC 7150	0.500	0.150	0.125	35	70		0.030	45						11863642	
WFC 7160	0.500	0.160	0.125	35	70		0.030	45						11887664	11808533
WFC 7200	0.500	0.200	0.125	35	70		0.030	45							11773620
WFC 7280	0.500	0.280	0.125	35	70		0.030	45							12054893
WFC 7290	0.500	0.290	0.125	35	70		0.030	45		11352636					

Note: For the complete programme, please see further info in the "full range" section.



Canadian Style – full range

The following table presents the possible range of dimensions available in Canadian style, that is to say in inches, with corresponding values in mm. For any non-standard enquiries, please fill out the template for enquiries relating to saw tips which is available at the end of the catalogue.



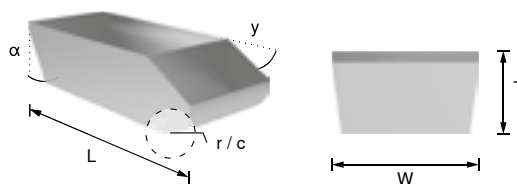
CERATIZIT designation system

Canadian Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WGC 7	(0.)110	TS90	KCR18+

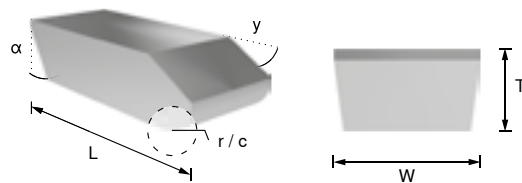
Full range

Canadian Style – [inch]



Type, description	L [inch]	W _{min} [inch]	W _{max} [inch]	T [inch]	α [°]	γ [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WBC	0.281	0.100	0.195	0.078	30	60	0.031			●
WDC	0.312	0.100	0.312	0.093	30	60	0.030			●
WHC	0.344	0.110	0.280	0.125	30	60	0.047			●
WEC	0.375	0.110	0.400	0.093	30	60	0.047			●
WGC	0.375	0.090	0.550	0.125	30	60	0.030			●
WXC	0.437	0.095	0.195	0.125	35	70		0.031	45	●
WFC	0.500	0.110	0.775	0.125	35	70		0.030	45	●

Canadian Style – [mm]



Type, description	L [mm]	W _{min} [mm]	W _{max} [mm]	T [mm]	α [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WBC	7.14	2.54	4.95	1.98	30	60	0.80			●
WDC	7.92	2.54	7.92	2.36	30	60	0.76			●
WHC	8.73	2.79	7.11	3.17	30	60	1.19			●
WEC	9.52	2.79	10.16	2.36	30	60	1.19			●
WGC	9.52	2.29	13.97	3.17	30	60	0.76			●
WXC	11.10	2.41	4.95	3.18	35	70		0.79	45	●
WFC	12.70	2.79	19.69	3.18	35	70		0.76	45	●

US Style – Alternate Top – full range

The following tables present the possible range of dimensions available in Alternate Top style for the US, that is to say in inch measurements, with corresponding values in mm. Mainly to be used for cross-cutting natural wood and veneered plywood – our tips will help you to reduce your grinding process. For any non-standard enquiries, please fill out the design guidelines template which is available at the end of our technical support catalogue



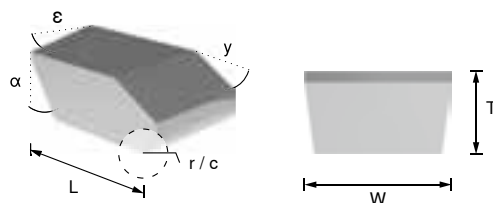
CERATIZIT designation system

US Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WBR 7	(0.)150	TS90	KCR18+
	WBL 7	(0.)150	TS90	KCR18+

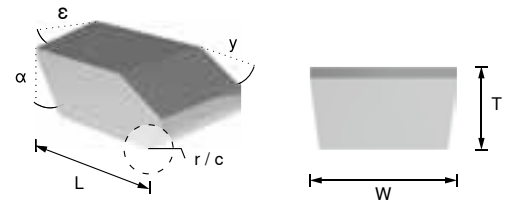
Full range

US Alternate Top Style – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	ε [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WB L	0.281	0.150	0.078	30	20		0.026	45	●
WB R	0.281	0.150	0.078	30	20		0.026	45	●
WB L	0.281	0.185	0.078	30	20		0.026	45	●
WB R	0.281	0.185	0.078	30	20		0.026	45	●
WB L	0.281	0.215	0.078	30	20		0.026	45	
WB R	0.281	0.215	0.078	30	20		0.026	45	
WD L	0.312	0.150	0.093	30	20		0.026	45	●
WD R	0.312	0.150	0.093	30	20		0.026	45	●
WD L	0.312	0.165	0.093	30	20		0.026	45	●
WD R	0.312	0.165	0.093	30	20		0.026	45	●
WD L	0.312	0.185	0.093	30	20		0.026	45	●
WD R	0.312	0.185	0.093	30	20		0.026	45	●
WD L	0.312	0.215	0.093	30	20		0.026	45	
WD R	0.312	0.215	0.093	30	20		0.026	45	
WD L	0.312	0.200	0.093	30	20		0.026	45	
WD R	0.312	0.200	0.093	30	20		0.026	45	
WD L	0.312	0.250	0.093	30	20		0.026	45	
WD R	0.312	0.250	0.093	30	20		0.026	45	
WE L	0.375	0.230	0.093	30	20	0.047			●
WE R	0.375	0.230	0.093	30	20	0.047			●
WE L	0.375	0.240	0.093	30	20	0.047			●
WE R	0.375	0.240	0.093	30	20	0.047			●
WE L	0.375	0.265	0.093	30	20	0.047			●
WE R	0.375	0.265	0.093	30	20	0.047			●

US Alternate Top Style – [mm]



Type, description	L [mm]	W [mm]	T [mm]	α [°]	ϵ [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WB L	7.14	3.81	1.98	30	20		0.65	45	●
WB R	7.14	3.81	1.98	30	20		0.65	45	●
WB L	7.14	4.70	1.98	30	20		0.65	45	●
WB R	7.14	4.70	1.98	30	20		0.65	45	●
WB L	7.14	5.46	1.98	30	20		0.65	45	
WB R	7.14	5.46	1.98	30	20		0.65	45	
WD L	7.92	3.81	2.41	30	20		0.65	45	●
WD R	7.92	3.81	2.41	30	20		0.65	45	●
WD L	7.92	4.19	2.41	30	20		0.65	45	●
WD R	7.92	4.19	2.41	30	20		0.65	45	●
WD L	7.92	4.70	2.41	30	20		0.65	45	●
WD R	7.92	4.70	2.41	30	20		0.65	45	●
WD L	7.92	5.46	2.41	30	20		0.65	45	
WD R	7.92	5.46	2.41	30	20		0.65	45	
WD L	7.92	5.08	2.41	30	20		0.65	45	
WD R	7.92	5.08	2.41	30	20		0.65	45	
WD L	7.92	6.35	2.41	30	20		0.65	45	
WD R	7.92	6.35	2.41	30	20		0.65	45	
WE L	9.52	5.84	2.36	30	20	1.19			●
WE R	9.52	5.84	2.36	30	20	1.19			●
WE L	9.52	6.10	2.36	30	20	1.19			●
WE R	9.52	6.10	2.36	30	20	1.19			●
WE L	9.52	6.73	2.36	30	20	1.19			●
WE R	9.52	6.73	2.36	30	20	1.19			●



Canadian Style – Alternate Top – full range

The following tables present the possible range of dimensions available in Alternate Top style for Canada, that is to say in inch measurements, with corresponding values in mm. Mainly to be used for cross-cutting natural wood and veneered plywood – our tips will help you to reduce your grinding process. For any non-standard enquiries, please fill out the design guidelines template which is available at the end of our technical support catalogue.



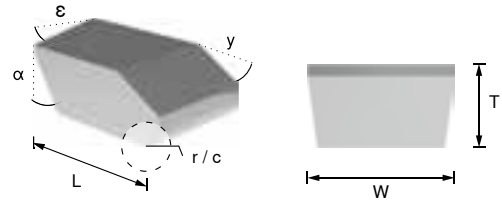
CERATIZIT designation system

Canadian Style

	Type, description	Width [inch]	Surface treatment	Grade
Example	WGCR 7	(0.)200	TS90	KCR18+
	WGCL 7	(0.)200	TS90	KCR18+

Full range

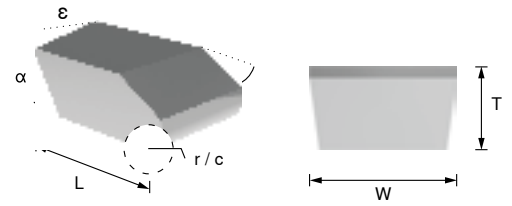
Canadian Style – Alternate Top – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	γ [°]	ε [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WDC L	0.312	0.150	0.093	30	60	20	0.030			•
WDC R	0.312	0.150	0.093	30	60	20	0.030			•
WDC L	0.312	0.165	0.093	30	60	20	0.030			•
WDC R	0.312	0.165	0.093	30	60	20	0.030			•
WDC L	0.312	0.180	0.093	30	60	20	0.030			•
WDC R	0.312	0.180	0.093	30	60	20	0.030			•
WDC L	0.312	0.185	0.093	30	60	20	0.030			•
WDC R	0.312	0.185	0.093	30	60	20	0.030			•
WDC L	0.312	0.190	0.093	30	60	20	0.030			•
WDC R	0.312	0.190	0.093	30	60	20	0.030			•
WDC L	0.312	0.200	0.093	30	60	20	0.030			•
WDC R	0.312	0.200	0.093	30	60	20	0.030			•
WDC L	0.312	0.215	0.093	30	60	20	0.030			•
WDC R	0.312	0.215	0.093	30	60	20	0.030			•
WDC L	0.312	0.230	0.093	30	60	20	0.030			•
WDC R	0.312	0.230	0.093	30	60	20	0.030			•
WDC L	0.312	0.250	0.093	30	60	20	0.030			•
WDC R	0.312	0.250	0.093	30	60	20	0.030			•
WDC L	0.312	0.265	0.093	30	60	20	0.030			•
WDC R	0.312	0.265	0.093	30	60	20	0.030			•
WEC L	0.375	0.170	0.093	30	60	20	0.030			•
WEC R	0.375	0.170	0.093	30	60	20	0.030			•
WEC L	0.375	0.190	0.093	30	60	20	0.030			•
WEC R	0.375	0.190	0.093	30	60	20	0.030			•
WEC L	0.375	0.200	0.093	30	60	20	0.030			•
WEC R	0.375	0.200	0.093	30	60	20	0.030			•
WEC L	0.375	0.215	0.093	30	60	20	0.030			•
WEC R	0.375	0.215	0.093	30	60	20	0.030			•
WEC L	0.375	0.220	0.093	30	60	20	0.030			•



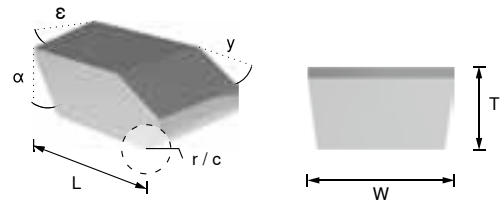
Canadian Style – Alternate Top – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	γ [°]	ε [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WEC R	0.375	0.220	0.093	30	60	20	0.030			•
WEC L	0.375	0.230	0.093	30	60	20	0.030			•
WEC R	0.375	0.230	0.093	30	60	20	0.030			•
WEC L	0.375	0.240	0.093	30	60	20	0.030			•
WEC R	0.375	0.240	0.093	30	60	20	0.030			•
WEC L	0.375	0.250	0.093	30	60	20	0.030			•
WEC R	0.375	0.250	0.093	30	60	20	0.030			•
WEC L	0.375	0.290	0.093	30	60	20	0.030			•
WEC R	0.375	0.290	0.093	30	60	20	0.030			•
WEC L	0.375	0.330	0.093	30	60	20	0.030			•
WEC R	0.375	0.330	0.093	30	60	20	0.030			•
WGC R	0.375	0.150	0.125	30	60	20	0.030			•
WGC L	0.375	0.150	0.125	30	60	20	0.030			•
WGC R	0.375	0.160	0.125	30	60	20	0.030			•
WGC L	0.375	0.160	0.125	30	60	20	0.030			•
WGC R	0.375	0.170	0.125	30	60	20	0.030			•
WGC L	0.375	0.170	0.125	30	60	20	0.030			•
WGC R	0.375	0.180	0.125	30	60	20	0.030			•
WGC L	0.375	0.180	0.125	30	60	20	0.030			•
WGC R	0.375	0.200	0.125	30	60	20	0.030			•
WGC L	0.375	0.200	0.125	30	60	20	0.030			•
WGC R	0.375	0.215	0.125	30	60	20	0.030			•
WGC L	0.375	0.215	0.125	30	60	20	0.030			•
WGC R	0.375	0.230	0.125	30	60	20	0.030			•
WGC L	0.375	0.230	0.125	30	60	20	0.030			•
WGC R	0.375	0.250	0.125	30	60	20	0.030			•
WGC L	0.375	0.250	0.125	30	60	20	0.030			•
WGC R	0.375	0.265	0.125	30	60	20	0.030			•
WGC L	0.375	0.265	0.125	30	60	20	0.030			•
WGC R	0.375	0.270	0.125	30	60	20	0.030			•

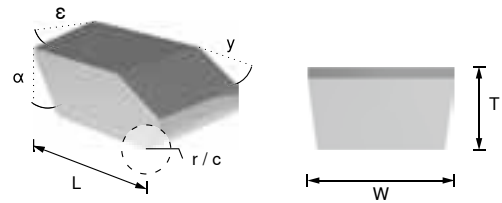


Canadian Style – Alternate Top – [inch]



Type, description	L [inch]	W [inch]	T [inch]	α [°]	γ [°]	ε [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WGC L	0.375	0.270	0.125	30	60	20	0.030			
WFC L	0.500	0.140	0.125	35	70	20		0.030	45	●
WFC R	0.500	0.140	0.125	35	70	20		0.030	45	●
WFC L	0.500	0.200	0.125	35	70	20		0.030	45	●
WFC R	0.500	0.200	0.125	35	70	20		0.030	45	●

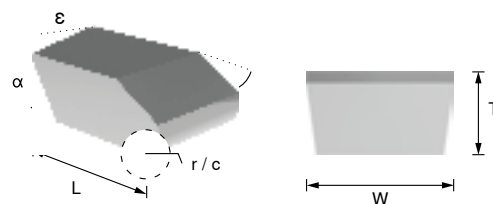
Canadian Style – Alternate Top – [mm]



Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	ε [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WDC L	7.92	3.81	2.36	30	60	20	0.76			●
WDC R	7.92	3.81	2.36	30	60	20	0.76			●
WDC L	7.92	4.19	2.36	30	60	20	0.76			●
WDC R	7.92	4.19	2.36	30	60	20	0.76			●
WDC L	7.92	4.57	2.36	30	60	20	0.76			●
WDC R	7.92	4.57	2.36	30	60	20	0.76			●
WDC L	7.92	4.70	2.36	30	60	20	0.76			●
WDC R	7.92	4.70	2.36	30	60	20	0.76			●
WDC L	7.92	4.82	2.36	30	60	20	0.76			●
WDC R	7.92	4.82	2.36	30	60	20	0.76			●
WDC L	7.92	5.08	2.36	30	60	20	0.76			●
WDC R	7.92	5.08	2.36	30	60	20	0.76			●
WDC L	7.92	5.46	2.36	30	60	20	0.76			●
WDC R	7.92	5.46	2.36	30	60	20	0.76			●



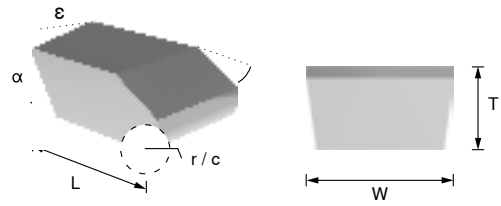
Canadian Style – Alternate Top – [mm]



Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	ϵ [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WDC L	7.92	5.84	2.36	30	60	20	0.76			
WDC R	7.92	5.84	2.36	30	60	20	0.76			
WDC L	7.92	6.35	2.36	30	60	20	0.76			
WDC R	7.92	6.35	2.36	30	60	20	0.76			
WDC L	7.92	6.73	2.36	30	60	20	0.76			
WDC R	7.92	6.73	2.36	30	60	20	0.76			
WEC L	9.52	4.32	2.36	30	60	20	0.76			•
WEC R	9.52	4.32	2.36	30	60	20	0.76			•
WEC L	9.52	4.83	2.36	30	60	20	0.76			•
WEC R	9.52	4.83	2.36	30	60	20	0.76			•
WEC L	9.52	5.08	2.36	30	60	20	0.76			•
WEC R	9.52	5.08	2.36	30	60	20	0.76			•
WEC L	9.52	5.46	2.36	30	60	20	0.76			•
WEC R	9.52	5.46	2.36	30	60	20	0.76			•
WEC L	9.52	5.59	2.36	30	60	20	0.76			•
WEC R	9.52	5.59	2.36	30	60	20	0.76			•
WEC L	9.52	5.84	2.36	30	60	20	0.76			•
WEC R	9.52	5.84	2.36	30	60	20	0.76			•
WEC L	9.52	6.09	2.36	30	60	20	0.76			•
WEC R	9.52	6.09	2.36	30	60	20	0.76			•
WEC L	9.52	6.35	2.36	30	60	20	0.76			
WEC R	9.52	6.35	2.36	30	60	20	0.76			
WEC L	9.52	7.37	2.36	30	60	20	0.76			
WEC R	9.52	7.37	2.36	30	60	20	0.76			
WEC L	9.52	8.38	2.36	30	60	20	0.76			
WEC R	9.52	8.38	2.36	30	60	20	0.76			
WGC R	9.52	3.81	3.17	30	60	20	0.76			•
WGC L	9.52	3.81	3.17	30	60	20	0.76			•
WGC R	9.52	4.06	3.17	30	60	20	0.76			•
WGC L	9.52	4.06	3.17	30	60	20	0.76			•



Canadian Style – Alternate Top – [mm]



Type, description	L [mm]	W [mm]	T [mm]	α [°]	γ [°]	ε [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WGC R	9.52	4.32	3.17	30	60	20	0.76			●
WGC L	9.52	4.32	3.17	30	60	20	0.76			●
WGC R	9.52	4.57	3.17	30	60	20	0.76			●
WGC L	9.52	4.57	3.17	30	60	20	0.76			●
WGC R	9.52	5.08	3.17	30	60	20	0.76			●
WGC L	9.52	5.08	3.17	30	60	20	0.76			●
WGC R	9.52	5.46	3.17	30	60	20	0.76			●
WGC L	9.52	5.46	3.17	30	60	20	0.76			●
WGC R	9.52	5.84	3.17	30	60	20	0.76			●
WGC L	9.52	5.84	3.17	30	60	20	0.76			●
WGC R	9.52	6.35	3.17	30	60	20	0.76			●
WGC L	9.52	6.35	3.17	30	60	20	0.76			●
WGC R	9.52	6.73	3.17	30	60	20	0.76			●
WGC L	9.52	6.73	3.17	30	60	20	0.76			●
WGC R	9.52	6.86	3.17	30	60	20	0.76			●
WGC L	9.52	6.86	3.17	30	60	20	0.76			●
WFC L	12.70	3.56	3.18	35	70	20		0.76	45	●
WFC R	12.70	3.56	3.18	35	70	20		0.76	45	●
WFC L	12.70	5.08	3.18	35	70	20		0.76	45	●
WFC R	12.70	5.08	3.18	35	70	20		0.76	45	●

Radius 60000 Style – most popular

To help you improve your productivity, we present our proven and successful 'Radius 60000 style'. Here are the advantages this style offers:

- ▲ Innovative geometry, allowing faster brazing and thus a more homogeneous connection between the carbide and the saw body
- ▲ Reduced weight, resulting in a significant cost reduction and less energy consumption especially for cordless devices
- ▲ Speedier re-sharpening guaranteed

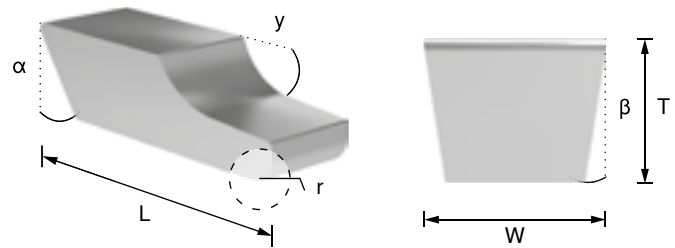


CERATIZIT designation system

Radius 60000 Style

	Type, description	Length [mm]	Width [mm]	Thickness [mm]	Surface treatment	Grade		
Example	60000 —	8.0	X	3.4	X	2.5	TS90	KCR05+

Radius 60000 Style



Type, description	L [mm]	W [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]	KCR05+	KCR06	KCR10	CTOPP10
60000	8.0	2.5	2.3	28	5	30	0.8	12538999			
60000	8.0	3.3	2.3	28	5	30	0.8	12538996			
60000	8.0	3.5	2.3	28	5	30	0.8	11819257			11819254
60000	8.0	3.9	2.3	28	5	30	0.8	12538856			
60000	8.0	3.4	2.5	28	5	30	0.8	12000997	11886693		
60000	8.0	3.6	2.5	28	5	30	0.8	11929913			
60000	8.0	4.3	2.5	28	5	30	0.8	11957261			
60000	8.0	4.6	2.5	28	5	30	0.8			12538989	
60000	8.5	3.6	2.5	28	5	30	0.8	11988746			
60000	8.5	4.3	2.5	28	5	30	0.8				11877018
60000	10.5	4.1	2.5	28	5	30	0.8				11994699
60000	10.5	3.5	3.0	28	5	30	0.8	11794355			
60000	10.5	4.7	3.0	28	5	30	0.8	11867127			

Note: For the complete programme, please see further info in the "full range" section.

Radius 60000 Style – full range

To help you improve your productivity, we present our proven and successful 'Radius 60000 style'.

Here are the advantages this style offers:

- ▲ Innovative geometry, allowing faster brazing and thus a more homogeneous connection between the carbide and the saw body
- ▲ Reduced weight, resulting in a significant cost reduction and less energy consumption especially for cordless devices
- ▲ Speedier re-sharpening guaranteed



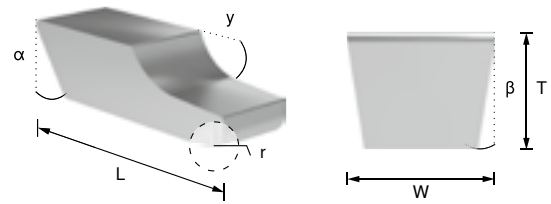
CERATIZIT designation system

Radius 60000 Style

	Type, description	Length [mm]	Width [mm]	Thickness [mm]	Surface treatment	Grade
Example	60000 —	8.0	X 3.4	X 2.5	TS90	KCR05+

Full range

Radius 60000 Style



Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	[°]	r [mm]
60000	8.0	2.0	7.0	2.3	28	5	30	0.8
60000	8.0	2.0	7.0	2.5	28	5	30	0.8
60000	8.0	2.0	7.0	3.0	30	0	30	0.8
60000	8.5	2.0	7.0	2.5	28	5	30	0.8
60000	10.5	2.0	7.0	2.5	28	5	30	0.8
60000	10.5	2.0	7.0	3.0	28	5	30	0.8
60000	10.5	2.0	7.0	3.5	28	5	30	0.8

Hollow Style – most popular

Saw tips of our 'Hollow Style' range are characterised by their enhanced chip evacuation, especially for panel sawing. If you are looking for a high-performance solution, the following table will give you an overview of our standard dimensions. This style is produced in a wide variety of our successful KCR grades.

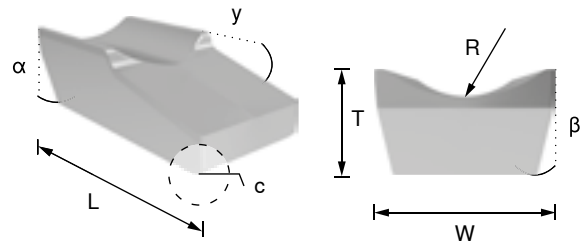


CERATIZIT designation system

Hollow Style

	Type, description	Length [mm]	Width [mm]	Thickness [mm]	Surface treatment	Grade
Example	51230 —	10.5	X 3.5	X 2.5	TS90	KCR06

Hollow Style



Type, description	L [mm]	W [mm]	T [mm]	α [°]	β [°]	γ [°]	c [mm]	Chamfer [°]	R [mm]	KCR05+	KCR06
51230	8.5	3.5	2.5	25	4	70	0.3	45	4.0	12538991	11597430
50973	8.5	3.7	2.6	25	7	78	0.3	45	4.0	11577751	11518533
51231	8.5	4.0	2.6	25	7	78	0.3	45	4.0		11518554
51230	10.5	3.5	2.5	25	4	70	0.3	45	4.0	12023026	11518491
50973	10.5	3.7	2.6	25	7	78	0.3	45	4.0		11518552
51231	10.5	4.0	2.6	25	7	78	0.3	45	4.0		11518560

Note: For the complete programme, please see further info in the "full range" section.

Hollow Style – full range

Saw tips of our ‘Hollow Style’ range are characterised by their enhanced chip evacuation, especially for panel sawing. If you are looking for a high-performance solution, the following table will give you an overview of our standard dimensions. This style is produced in a wide variety of our successful KCR grades.



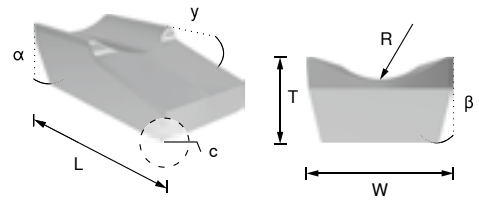
CERATIZIT designation system

Hollow Style

	Type, description		Length [mm]		Width [mm]		Thickness [mm]	Surface treatment	Grade
Example	51230	—	10.5	X	3.5	X	2.5	TS90	KCR06

Full range

Hollow Style



Type, description	L [mm]	W [mm]	T [mm]	α [°]	β [°]	γ [°]	c [mm]	Chamfer angle [°]	R [mm]
51242	8.5	3.2	2.0	25	4	80	0.3	45	3.1
51230	8.5	3.5	2.5	25	4	70	0.3	45	4.0
60209	8.5	3.5	2.5	25	4	70	0.3	45	3.0
50973	8.5	3.7	2.6	25	7	78	0.3	45	2.3
51231	8.5	4.0	2.6	25	7	78	0.3	45	3.3
51232	8.5	4.2	2.6	25	5	75	0.3	45	3.0
51233	8.5	4.5	2.6	25	4	70	0.3	45	6.0
51230	10.5	3.5	2.5	25	4	70	0.3	45	4.0
60209	10.5	3.5	2.5	25	4	70	0.3	45	3.0
50973	10.5	3.7	2.6	25	7	78	0.3	45	2.3
51229	10.5	3.8	2.6	25	7	78	0.3	45	3.3
51231	10.5	4.0	2.6	25	7	78	0.3	45	3.3
51233	10.5	4.5	2.6	25	4	70	0.3	45	6.0

Strobe blanks


In addition to our standard strobe blanks which are also available pre-tinned, we now offer a further innovative design with a 7° side angle which allows a crucial material reduction. All our strobe blanks are available in a large range of sizes.

For strobe blanks, we recommend the proven grade CTOPP10 which guarantees an optimal ratio of wear resistance and toughness.



Grade recommendation

Both 7° and conventional styles are available in our universal grade CTOPP10. This submicron grade offers the best price-performance ratio for all kinds of wood sawing applications.

Grade	Wood	Binder	Grain size	Hardness		Fracture toughness (SEVNB) [MPa*m ^{1/2}]	Transverse rupture strength [MPa]
				[HV10]	[HRA]		
CTOPP10	 ● ● ●	10.0	submicron	1570	91.6	10.0	3000

7° Style – most popular

In order to reduce cost and allow material savings, we have introduced a new design with two side angles of 7°. Those products are surface treated with Cobalt - TS8. Our standard programme is presented in the following table. Other dimensions are also available on request – please get in touch with your contact person at our Customer Service.

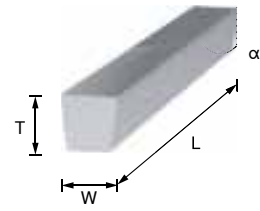


CERATIZIT designation system

7° Style

	Type, description	Thickness [mm]	Width [mm]	Length [mm]	Surface treatment	Grade
Example	CT SB02 —	2.00	X 2.40	X 310.00	TS8	CTOPP10

7° Style



Type, description	T [mm]	W [mm]	L [mm]	α [°]	CTOPP10
CT SB02	2.00	2.00	310.00	7	12121642
CT SB02	2.00	2.20	310.00	7	12121644
CT SB02	2.00	2.40	310.00	7	12121645
CT SB02	2.00	2.60	310.00	7	12121647
CT SB02	2.00	2.80	310.00	7	12121649
CT SB02	2.00	3.00	310.00	7	12121650
CT SB02	2.00	3.20	310.00	7	12121651
CT SB02	2.00	3.40	310.00	7	12121652
CT SB02	2.00	3.50	310.00	7	12435417
CT SB02	2.00	3.60	310.00	7	12121653
CT SB02	2.00	3.70	310.00	7	12359795
CT SB02	2.00	3.80	310.00	7	12121654
CT SB02	2.00	4.00	310.00	7	12121656
CT SB02	2.00	4.20	310.00	7	12279647
CT SB02	2.00	4.30	310.00	7	12335740
CT SB02	2.00	4.50	310.00	7	12257249
CT SB02	2.00	4.70	310.00	7	12260068
CT SB02	2.00	5.00	310.00	7	12121657
CT SB02	2.00	5.50	310.00	7	12260069

Note: For the complete programme, please see further info in the "full range" section.

Conventional Style – most popular

In order to keep a certain coherence in our product descriptions, we have decided to rename our former style 44800 to CT SB00. Version, grade, design, dimensions, have not been changed, only the name has been updated. Those products are surface treated with Sandblasting - TS42. For the complete range please refer to the following pages.

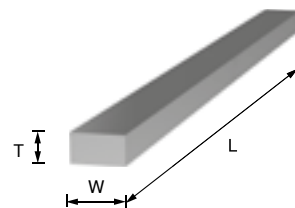


CERATIZIT designation system

Conventional Style

	Type, description		Thickness [mm]		Width [mm]		Length [mm]	Surface treatment	Grade
Example	CT SB00	—	2.00	X	2.50	X	310.00	TS42	CTOPP10

Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10
CT SB00	2.00	2.00	310.00	12015940
CT SB00	2.00	2.30	310.00	12015952
CT SB00	2.00	2.50	310.00	11829541
CT SB00	2.00	2.70	310.00	11978130
CT SB00	2.00	3.00	310.00	11963691
CT SB00	2.00	3.20	310.00	11978133
CT SB00	2.00	3.30	310.00	11963694
CT SB00	2.00	3.50	310.00	11978134
CT SB00	2.00	3.70	310.00	11958621
CT SB00	2.00	3.80	310.00	12014812
CT SB00	2.00	4.00	310.00	11963695
CT SB00	2.00	4.20	310.00	11958622
CT SB00	2.00	4.50	310.00	11856074
CT SB00	2.00	4.70	310.00	11947895
CT SB00	2.00	5.00	310.00	11947897
CT SB00	2.00	5.20	310.00	11947898
CT SB00	2.00	5.50	310.00	11931598
CT SB00	2.00	5.70	310.00	12015942
CT SB00	2.00	6.00	310.00	12015949
CT SB00	2.00	6.50	310.00	11865574
CT SB00	2.00	7.00	310.00	12015945
CT SB00	2.00	7.50	310.00	12015951

Note: For the complete programme, please see further info in the "full range" section.

Conventional Style – full range

A wide range of cut-to-lengths is available on request. You will also find pre-tinned articles which help you save cost and reduce your production time. Please consult the catalogue 'Your partner for technical support' for more information, or send us the filled out template for enquiries relating to strobe blanks which is available at the end of the catalogue.



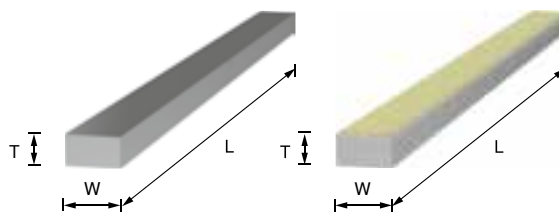
CERATIZIT designation system

Conventional Style

	Type, description		Thickness [mm]		Width [mm]		Length [mm]	Surface treatment	Grade
Example	CT SB00	—	2.0	X	2.5	X	30.0	DA	CTOPP10

Full range

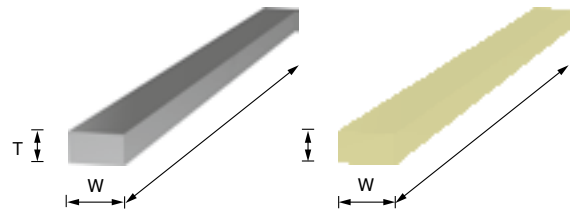
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP10 pre-tinned
CT SB00	2.00	2.00	25.00	11829514	11911256
CT SB00	2.00	2.00	30.00	11931632	11846331
CT SB00	2.00	2.00	35.00	11829516	
CT SB00	2.00	2.00	50.00	12289293	
CT SB00	2.00	2.00	80.00	12098203	
CT SB00	2.00	2.00	310.00	12015940	
CT SB00	2.00	2.30	30.00	11856183	
CT SB00	2.00	2.30	310.00	12015952	
CT SB00	2.00	2.40	30.00		11856026
CT SB00	2.00	2.50	20.00	11829519	11879340
CT SB00	2.00	2.50	25.00	11804769	11998480
CT SB00	2.00	2.50	30.00	11771974	11806210
CT SB00	2.00	2.50	35.00	11829532	11879375
CT SB00	2.00	2.50	40.00	11921296	12021354
CT SB00	2.00	2.50	45.00	11956385	
CT SB00	2.00	2.50	50.00	11895295	11896220
CT SB00	2.00	2.50	310.00	6246900	
CT SB00	2.00	2.60	22.00	11957920	
CT SB00	2.00	2.60	40.00	11829571	
CT SB00	2.00	2.70	20.00		11891667
CT SB00	2.00	2.70	30.00	11829572	11988084
CT SB00	2.00	2.70	35.00	11794216	11988104
CT SB00	2.00	2.70	40.00	11794232	
CT SB00	2.00	2.70	310.00	11978130	
CT SB00	2.00	2.80	30.00	12125336	12148628
CT SB00	2.00	3.00	20.00	11829574	
CT SB00	2.00	3.00	22.00	11802823	11886717
CT SB00	2.00	3.00	25.00	11771976	



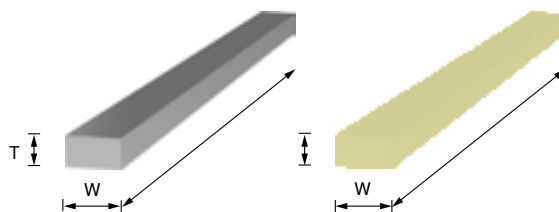
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP10 pre-tinned
CT SB00	2.00	3.00	30.00	11771977	11880628
CT SB00	2.00	3.00	35.00	11771978	11879339
CT SB00	2.00	3.00	38.00	11816260	11853675
CT SB00	2.00	3.00	40.00	11771979	11901328
CT SB00	2.00	3.00	45.00	11956378	
CT SB00	2.00	3.00	50.00	11829581	11888995
CT SB00	2.00	3.00	55.00	12253791	
CT SB00	2.00	3.00	60.00	11895296	
CT SB00	2.00	3.00	70.00	11958999	
CT SB00	2.00	3.00	310.00	12054365	
CT SB00	2.00	3.20	20.00	12060633	12147123
CT SB00	2.00	3.20	22.00	11936657	
CT SB00	2.00	3.20	25.00	12096419	
CT SB00	2.00	3.20	30.00	11771981	11856014
CT SB00	2.00	3.20	40.00	11771982	11853410
CT SB00	2.00	3.20	310.00	11978133	
CT SB00	2.00	3.30	20.00	11956386	
CT SB00	2.00	3.30	25.00	11950962	11998481
CT SB00	2.00	3.30	30.00	11771984	11880587
CT SB00	2.00	3.30	35.00	11771985	11867898
CT SB00	2.00	3.30	38.00	11801802	11919677
CT SB00	2.00	3.30	40.00	11771983	11998484
CT SB00	2.00	3.30	45.00	11895855	
CT SB00	2.00	3.30	50.00	11771986	11806211
CT SB00	2.00	3.30	60.00	11885379	
CT SB00	2.00	3.30	70.00	12152290	
CT SB00	2.00	3.30	310.00	12054366	
CT SB00	2.00	3.40	30.00	11928281	11856020
CT SB00	2.00	3.50	20.00	12045591	
CT SB00	2.00	3.50	25.00	11875951	
CT SB00	2.00	3.50	30.00	11771987	11822951
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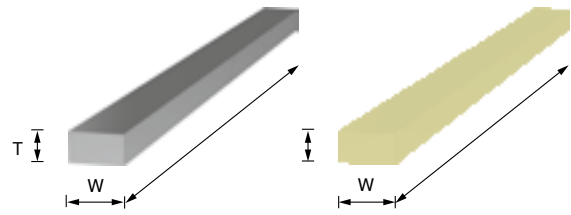
Conventional Style



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CT SB00	2.00	3.50	40.00	11771988	11841822
CT SB00	2.00	3.50	45.00	11791066	11871158
CT SB00	2.00	3.50	50.00	11771989	11841824
CT SB00	2.00	3.50	55.00	11855396	12018960
CT SB00	2.00	3.50	60.00	11719649	11901342
CT SB00	2.00	3.50	65.00	11956391	
CT SB00	2.00	3.50	310.00	12006341	
CT SB00	2.00	3.60	30.00	11794217	
CT SB00	2.00	3.60	40.00	11771990	11806216
CT SB00	2.00	3.60	60.00	12201471	11860983
CT SB00	2.00	3.70	30.00	11787451	11931591
CT SB00	2.00	3.70	35.00	11849366	12058644
CT SB00	2.00	3.70	38.00	11806269	11880595
CT SB00	2.00	3.70	40.00	11787456	12004069
CT SB00	2.00	3.70	45.00	11913039	12216195
CT SB00	2.00	3.70	50.00	11787462	11892997
CT SB00	2.00	3.70	60.00	11929793	12126021
CT SB00	2.00	3.70	70.00	11895297	11928374
CT SB00	2.00	3.70	310.00	11958621	
CT SB00	2.00	3.80	30.00	11783875	11998482
CT SB00	2.00	3.80	35.00	11826868	11998483
CT SB00	2.00	3.80	40.00	11783876	11856016
CT SB00	2.00	3.80	45.00		12016757
CT SB00	2.00	3.80	50.00	11783877	11998488
CT SB00	2.00	3.80	55.00	12057285	
CT SB00	2.00	3.80	310.00	12014812	
CT SB00	2.00	4.00	20.00	11997726	
CT SB00	2.00	4.00	22.00		11844725
CT SB00	2.00	4.00	25.00	11889003	11889004
CT SB00	2.00	4.00	30.00	11772135	11842891
CT SB00	2.00	4.00	35.00	11772138	11806217
CT SB00	2.00	4.00	38.00	11812861	11885144



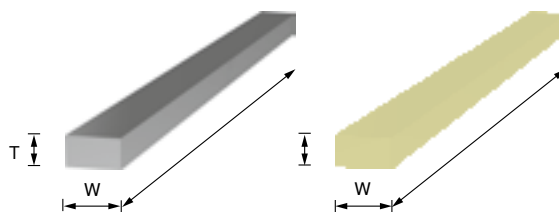
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP10 pre-tinned
CT SB00	2.00	4.00	40.00	11719646	11847725
CT SB00	2.00	4.00	45.00	11791076	11998487
CT SB00	2.00	4.00	50.00	11791078	11847730
CT SB00	2.00	4.00	55.00	11817377	
CT SB00	2.00	4.00	60.00	11772142	11847728
CT SB00	2.00	4.00	65.00	11841884	
CT SB00	2.00	4.00	70.00	12030265	
CT SB00	2.00	4.00	75.00	11940569	
CT SB00	2.00	4.00	310.00	12006343	
CT SB00	2.00	4.10	35.00	11874967	
CT SB00	2.00	4.10	40.00	11801488	
CT SB00	2.00	4.10	45.00	11801489	
CT SB00	2.00	4.20	23.00	11928367	
CT SB00	2.00	4.20	30.00	11956355	
CT SB00	2.00	4.20	35.00	12057977	12057978
CT SB00	2.00	4.20	40.00	11772143	11884989
CT SB00	2.00	4.20	45.00	12156486	11902280
CT SB00	2.00	4.20	50.00	11772145	11847726
CT SB00	2.00	4.20	55.00	12156487	
CT SB00	2.00	4.20	60.00	11772146	11841827
CT SB00	2.00	4.20	70.00	11856516	12067688
CT SB00	2.00	4.20	310.00	11958622	
CT SB00	2.00	4.30	50.00	11801490	
CT SB00	2.00	4.40	30.00	12060634	
CT SB00	2.00	4.40	40.00	12044785	11856022
CT SB00	2.00	4.40	50.00	12060635	
CT SB00	2.00	4.50	25.00	11956393	
CT SB00	2.00	4.50	30.00	11889005	11889006
CT SB00	2.00	4.50	35.00	11889008	11888989
CT SB00	2.00	4.50	40.00	11772147	11891759
CT SB00	2.00	4.50	45.00	11794219	11837705
CT SB00	2.00	4.50	50.00	11791099	11832754



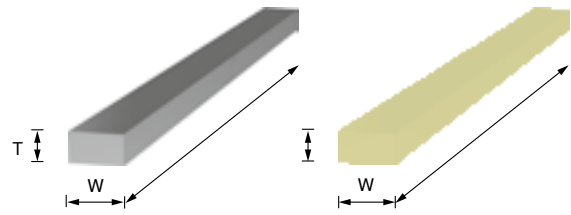
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP10 pre-tinned
CT SB00	2.00	4.50	55.00	11791102	
CT SB00	2.00	4.50	60.00	11772148	11837709
CT SB00	2.00	4.50	65.00	11845776	
CT SB00	2.00	4.50	70.00	11791103	11998489
CT SB00	2.00	4.50	75.00	11894775	
CT SB00	2.00	4.50	80.00	11956380	
CT SB00	2.00	4.50	310.00	12006344	
CT SB00	2.00	4.60	38.00		11880626
CT SB00	2.00	4.60	50.00	11805378	11901753
CT SB00	2.00	4.60	60.00	11819497	11887423
CT SB00	2.00	4.70	60.00	11945420	
CT SB00	2.00	4.70	310.00	11947895	
CT SB00	2.00	4.80	25.00		12053657
CT SB00	2.00	4.80	35.00	11874369	
CT SB00	2.00	4.80	40.00	11899464	12054493
CT SB00	2.00	4.80	45.00	11871160	
CT SB00	2.00	4.80	50.00	11801498	11856024
CT SB00	2.00	4.80	60.00	11871161	
CT SB00	2.00	5.00	20.00	12045575	
CT SB00	2.00	5.00	25.00	11956388	
CT SB00	2.00	5.00	30.00	11936604	
CT SB00	2.00	5.00	35.00	11959000	11926581
CT SB00	2.00	5.00	40.00	11865192	11847729
CT SB00	2.00	5.00	45.00	11838054	12126031
CT SB00	2.00	5.00	50.00	11772149	11855470
CT SB00	2.00	5.00	55.00	11791104	12037463
CT SB00	2.00	5.00	60.00	11772150	11841829
CT SB00	2.00	5.00	65.00	11853290	
CT SB00	2.00	5.00	70.00	11772152	11876389
CT SB00	2.00	5.00	75.00	11977684	
CT SB00	2.00	5.00	80.00	11875953	
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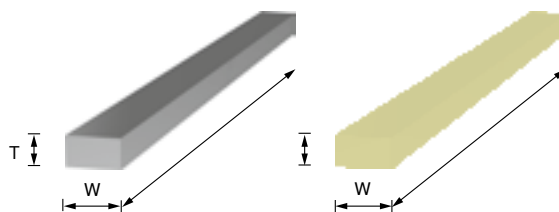
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP10 pre-tinned
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CT SB00	2.00	5.00	310.00	12006345	
CT SB00	2.00	5.20	40.00	11894922	12078342
CT SB00	2.00	5.20	50.00		12120974
CT SB00	2.00	5.20	60.00		11856025
CT SB00	2.00	5.20	70.00	11862875	12147170
CT SB00	2.00	5.20	310.00	11947898	
CT SB00	2.00	5.30	25.00		12053658
CT SB00	2.00	5.40	50.00		12056490
CT SB00	2.00	5.40	60.00		12056491
CT SB00	2.00	5.50	25.00	11956390	
CT SB00	2.00	5.50	30.00	11938282	
CT SB00	2.00	5.50	35.00	11956370	
CT SB00	2.00	5.50	40.00	11922048	
CT SB00	2.00	5.50	45.00	11956373	
CT SB00	2.00	5.50	50.00	11772153	11806220
CT SB00	2.00	5.50	55.00	11849424	12190406
CT SB00	2.00	5.50	60.00	11772154	11841821
CT SB00	2.00	5.50	65.00	11848291	11877022
CT SB00	2.00	5.50	70.00	11828000	11868542
CT SB00	2.00	5.50	75.00	11829903	
CT SB00	2.00	5.50	80.00	12123258	
CT SB00	2.00	5.50	85.00	11956381	
CT SB00	2.00	5.50	90.00	11956382	
CT SB00	2.00	5.50	310.00	11947900	
CT SB00	2.00	5.60	60.00		11901744
CT SB00	2.00	5.70	310.00	12015942	
CT SB00	2.00	5.80	55.00	11938582	
CT SB00	2.00	5.80	70.00	11933589	
CT SB00	2.00	6.00	30.00	11897135	
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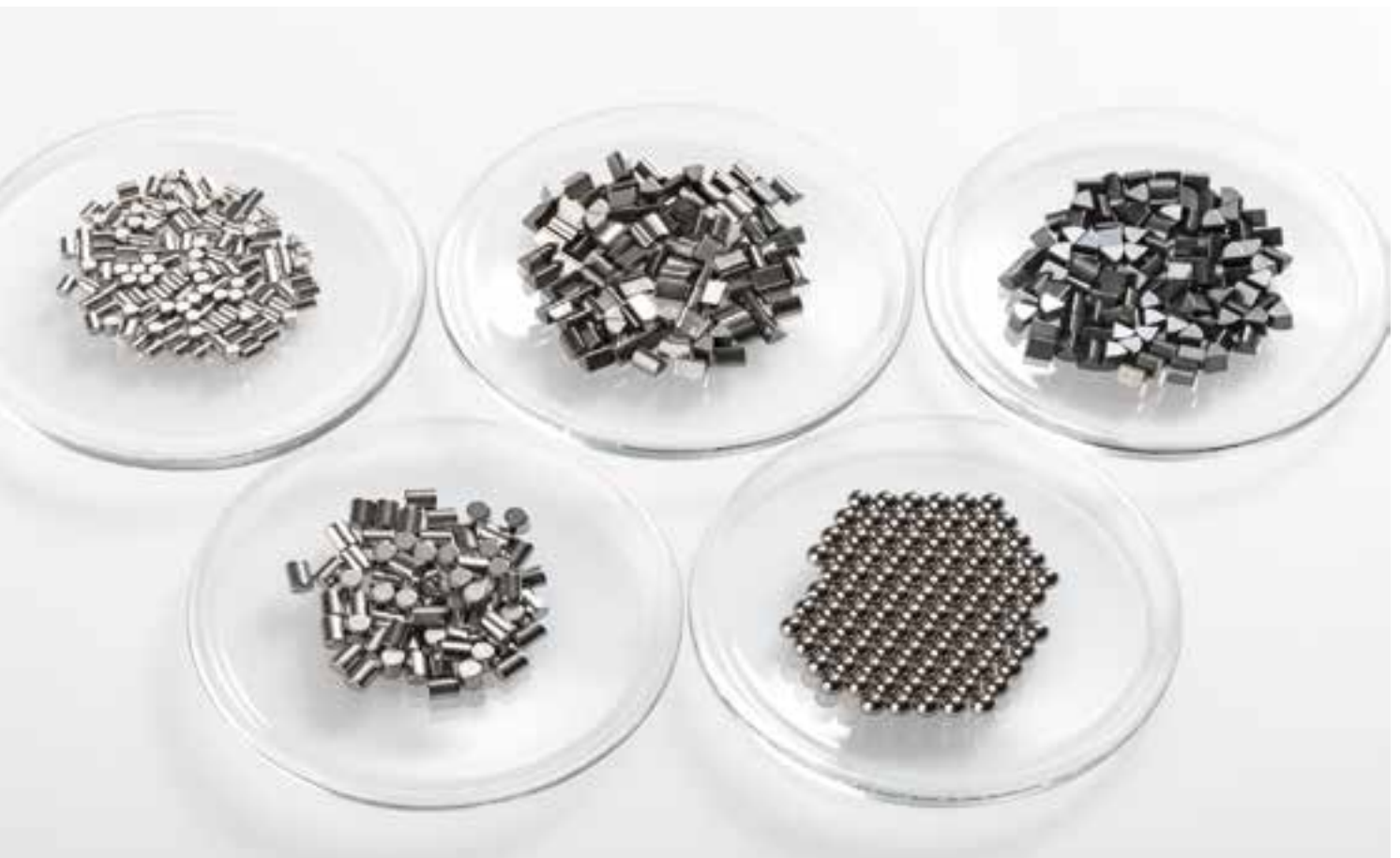
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP10 pre-tinned
CT SB00	2.00	6.00	45.00	11945441	
CT SB00	2.00	6.00	50.00	11876976	
CT SB00	2.00	6.00	55.00	11958569	
CT SB00	2.00	6.00	60.00	11772156	12056488
CT SB00	2.00	6.00	65.00	11949327	12155378
CT SB00	2.00	6.00	70.00	11876975	
CT SB00	2.00	6.00	75.00	11936607	
CT SB00	2.00	6.00	80.00	11903089	12240844
CT SB00	2.00	6.00	85.00	11936608	
CT SB00	2.00	6.00	90.00	12058781	
CT SB00	2.00	6.00	310.00	12076347	
CT SB00	2.00	6.20	60.00	12003372	
CT SB00	2.00	6.40	60.00	12056823	
CT SB00	2.00	6.50	50.00	11956374	
CT SB00	2.00	6.50	55.00	11954769	
CT SB00	2.00	6.50	60.00	11874356	
CT SB00	2.00	6.50	65.00	11928175	
CT SB00	2.00	6.50	70.00	11875954	
CT SB00	2.00	6.50	80.00	11878393	
CT SB00	2.00	6.50	310.00	11865574	
CT SB00	2.00	6.60	60.00	12056824	
CT SB00	2.00	7.00	50.00	11956375	
CT SB00	2.00	7.00	55.00	11956377	
CT SB00	2.00	7.00	60.00	11982532	
CT SB00	2.00	7.00	70.00	12106427	
CT SB00	2.00	7.00	310.00	12106938	
CT SB00	2.00	7.50	70.00	11921902	
CT SB00	2.00	7.50	90.00	11956384	
CT SB00	2.00	7.50	310.00	12015951	

Tips for band saws

Our product range for band saws is suitable for the sawing of hardwood and softwood. In addition to our conventional dimensions, we can meet special requests on demand. For enquiries not relating to standard products, please fill out the enquiry template for saw tips which is available at the end of the catalogue.



Grade recommendation

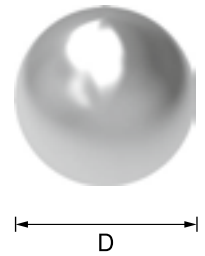
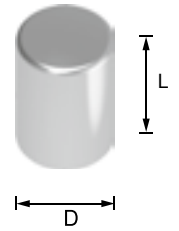
For an even higher performance, we now also offer segments, balls and cylinders for band saws in our chrome grades.



Grade	Softwood	Hardwood	Binder	Grain size	[HV10]	[HRA]	Fracture toughness (SEVNB)	Transverse rupture strength
							[MPa*m ^{1/2}]	[MPa]
KCR10	•••	•	4.0	fine	1780	92.8	10.1	2800
KCR18+	••	••	9.5	submicron	1590	91.7	10.8	3750
KCR32	•	•••	10.0	coarse	1140	87.7	16.5	2600

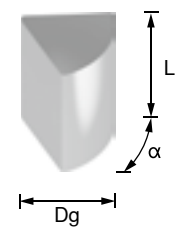
Ball ... CTBA

Available only upon request

**Cylinder ... CTCY**

Diameter D [mm]	Diameter D [inch]	L [mm]	L [inch]
1.32	0.052	1.0 – 4.0	0.039 – 0.157
1.57	0.062	1.0 – 4.0	0.039 – 0.157
1.60	0.063	1.0 – 4.0	0.039 – 0.157
1.85	0.073	1.0 – 4.0	0.039 – 0.157
1.98	0.078	1.0 – 4.0	0.039 – 0.157
2.30	0.091	1.0 – 4.0	0.039 – 0.157
2.50	0.098	1.0 – 4.0	0.039 – 0.157
2.75	0.108	1.0 – 4.0	0.039 – 0.157

Other dimensions upon request

Segment ... CTSG

Diagonal Dg [mm]	Diagonal Dg [inch]	α [°]	L [mm]	L [inch]
2.05	0.081	65	1.0 – 4.0	0.039 – 0.157

Other dimensions upon request



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We reserve the right to make technical changes for improvement of the product.