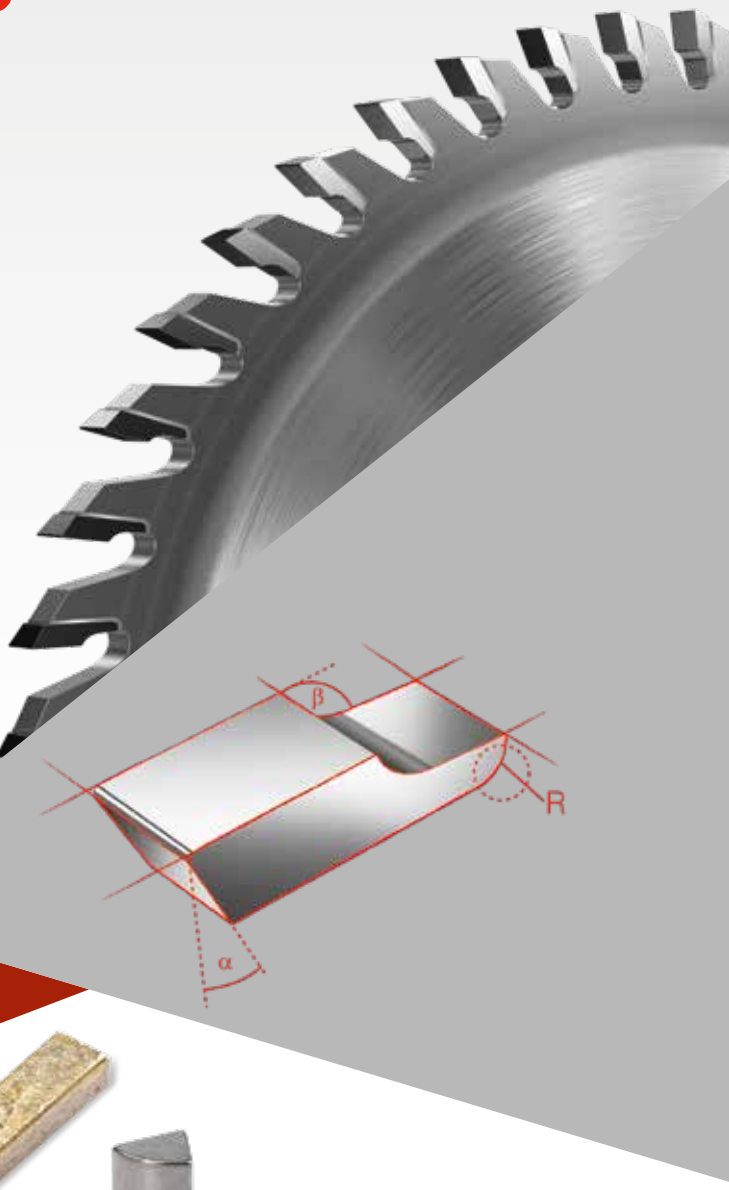
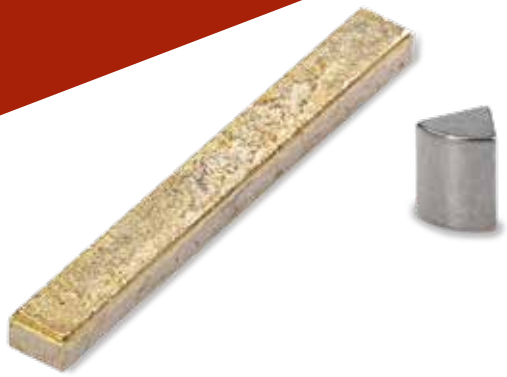
Hard Material Solutions

2022 EN

Solutions for wood and metal sawing





CERATIZIT GROUP

CERATIZIT is a high-technology engineering group specialised in cutting tools and hard material solutions.

Tooling the Future

ceratizit.com

Contents

Saw tips for wood sawing

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

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

Visit our online shop

Grades for wood sawing

CERATIZIT grade code	Binder [m %]	Grain size	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
Chrome grades							
KCR02+	2.0	ultrafine	2240	95.0	7.5	2500	
KCR04+	2.7	ultrafine	2150	94.5	8.0	3400	
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	
Special grades							
CTOPP08	8.0	fine	1630	92.0	9.0	3000	
CTOPP10	10.0	submicron	1570	91.6	10.0	3000	
HC03	4.0	fine	1845	93.1	8.0	2050	
HC10	5.6	fine	1760	92.7	9.2	2150	
HC20	6.0	fine	1640	92.1	9.9	2200	

 Softwood

 Hardwood

 Winter primary

 Summer primary

 Chipboard

 MDF/HDF

New KCR04+ grade: higher performance and longer lifetime

Our new high performance grade KCR04+ increases the lifetime of your saw blades for the processing of hardwood, chipboard, MDF and HDF. It is very resistant to stress caused by inclusions in the board. KCR04+ is also a good alternative for interrupted cuts (aluminium profiles and tubes) and aluminium with high silicone content (very abrasive). KCR04+ offers you outstanding performance combined with better cutting quality thanks to improved toughness to hardness ratio and high transverse rupture strength (TRS) – even under difficult machining conditions. This ultrafine carbide grade is part of our innovative KCR chrome grade family – popular all over the world for its corrosion-resistance, reliability and premium performance.

Your new best ally for fighting extreme abrasive wear

We are happy to present you our **new high-performance grade** that helps you increase the lifetime of your saw blades.

KCR04+ offers you more performance combined with better cutting quality and longer life-time.

CERATIZIT has managed to increase the lifetime thanks to a better toughness-to-hardness ratio. Because of its high hardness, superior toughness and ultrafine grains, this **new KCR grade** is ideal for all MDF, HDF and chipboard applications.

+

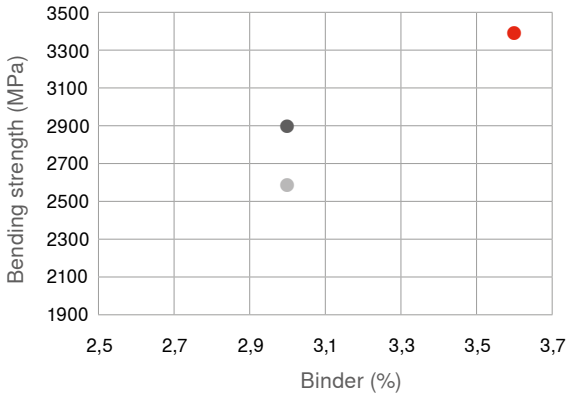
▲ Longer lifetime and better performance for your saw blades, better cutting efficiency and thus increased satisfaction for your customers thanks to

- high toughness which prevents cracks propagation during processing and utilisation
- high transverse rupture strength (TRS) which makes the grade very resistant to stress like third party inclusions
- high hardness which ensures longer sharpness of the cutting edges

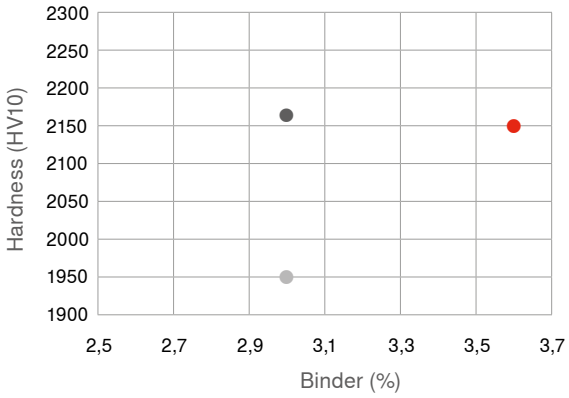
▲ Stable grinding and brazing process

- easy to grind
- improved resistance to thermal shock

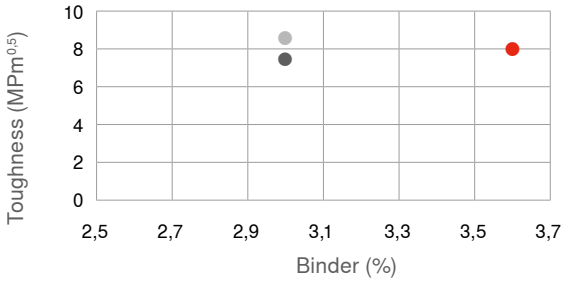
TRS to binder



Hardness to binder

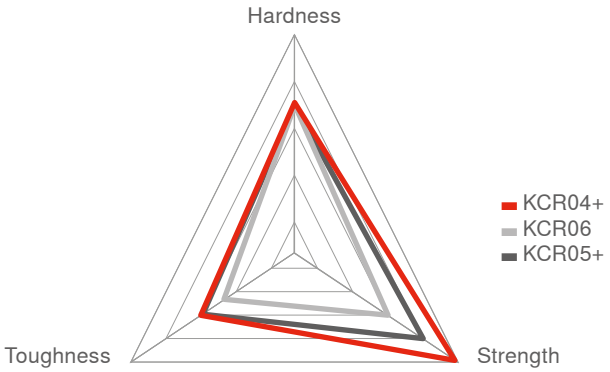


KIC to binder



- KCR04+ (CTU08M)
- KCR06 (CTS06M)
- KCR05+ (CTU07M)

KCR04+



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.

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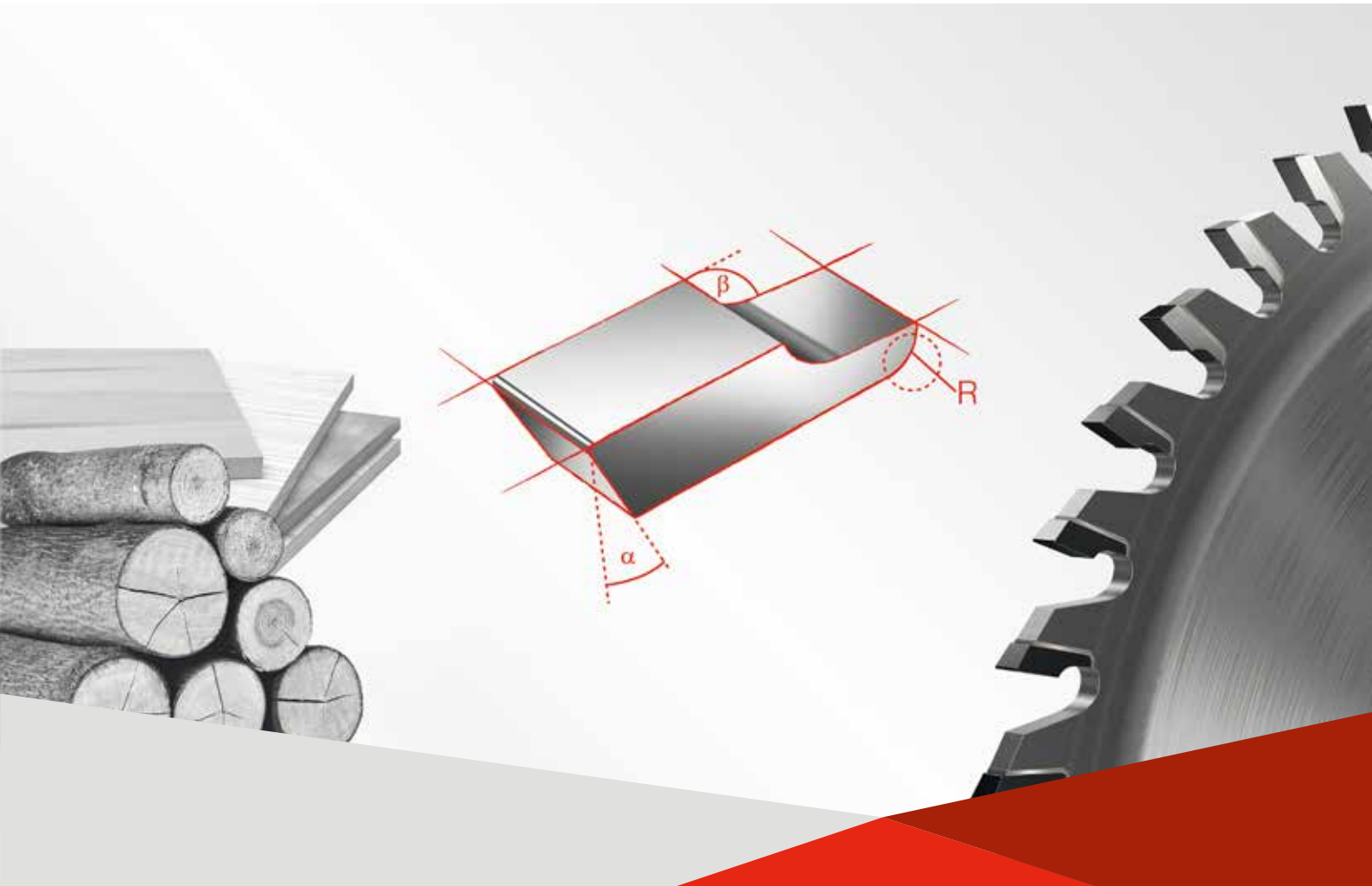
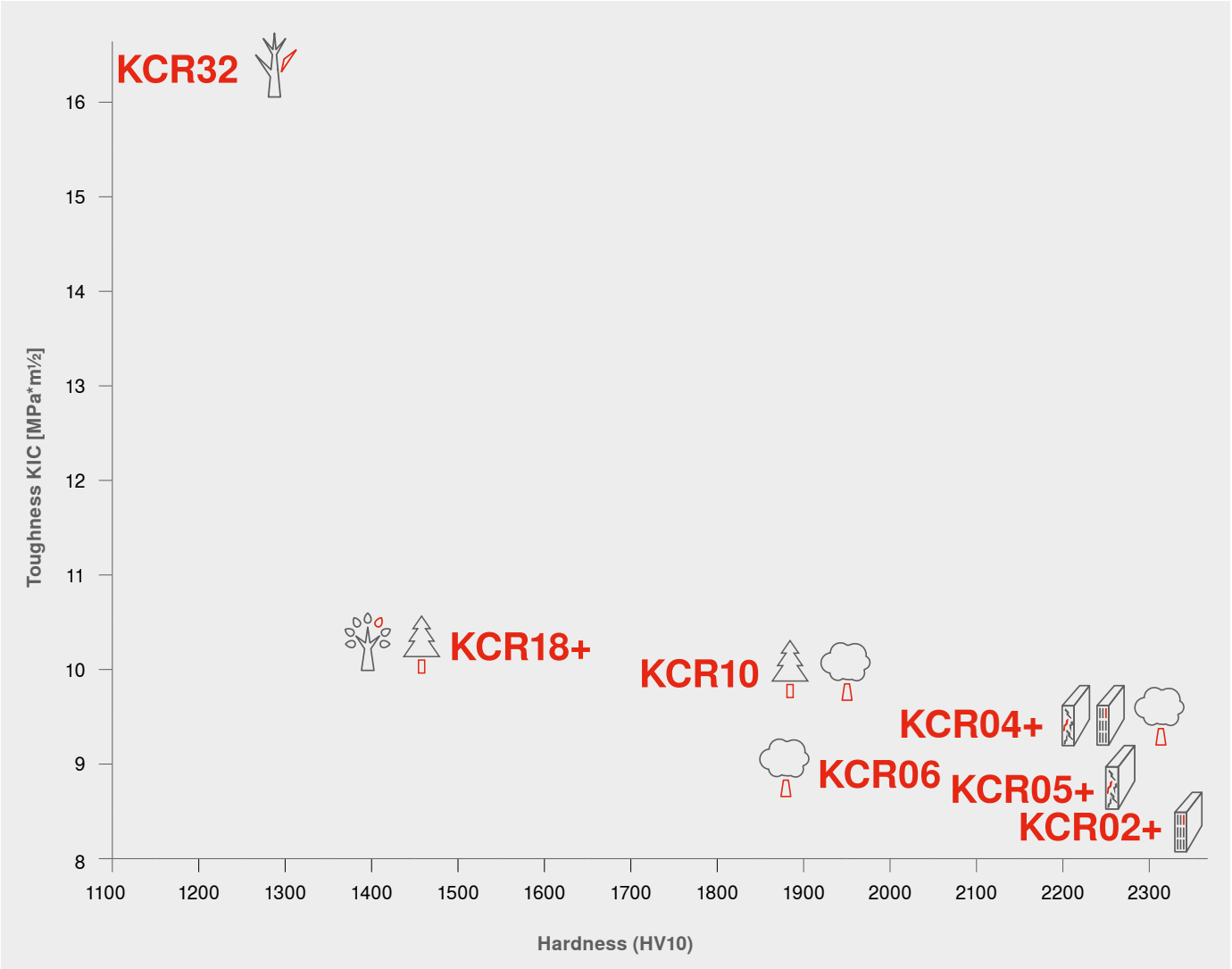


Grade recommendation

There are numerous advantages to using our KCR grades, for example higher process reliability due to corrosion and oxidation resistance during the manufacturing process, and higher performance potential thanks to the improved ratio of hardness to fracture toughness.
Successor grades for SMG02 and MG18 are KCR02+ and KCR18+ respectively.
Our brand new carbide grade KCR04+ guarantees highest performance and longer lifetime for abrasive wear thanks to its improved toughness-to-hardness ratio.



Softwood
Hardwood
Winter primary
Summer primary
Chipboard
MDF/HDF

Grades for circular saws

CERATIZIT grade code	Binder [m %]	Grain size	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
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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	
CTOPP10	10.0	submicron	1570	91.6	10.0	3000	
CTOPP08	8.0	fine	1630	92.0	9.0	3000	
HC03	4.0	fine	1845	93.1	8.0	2050	
HC10	5.6	fine	1760	92.7	9.2	2150	
HC20	6.0	fine	1640	92.1	9.9	2200	

Softwood
Hardwood
Winter primary
Summer primary
Chipboard
MDF/HDF

Pre-tinned

All straight style saw tips are pre-tinned with what is known as ‘tri-foil’ (DA), whereas Canadian and US style saw tips are pre-tinned with pure silver (PT).

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CERATIZIT designation system

Straight design

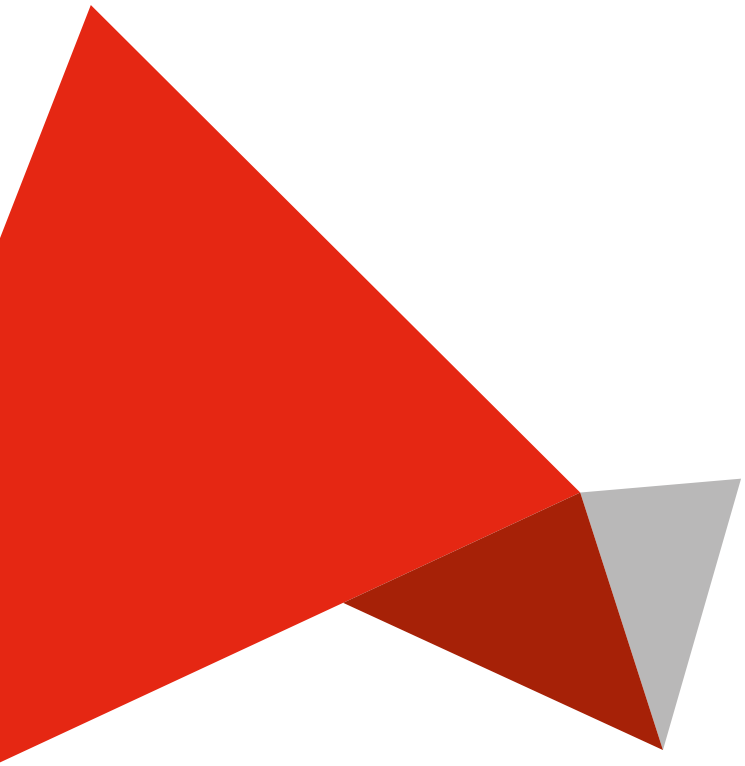
	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	11748	—	10.50	X	3.80	X	2.50	DA	KCR06

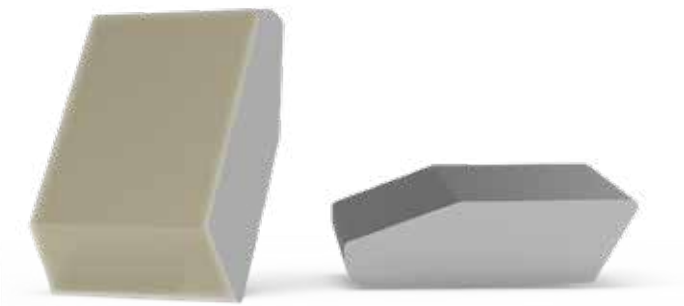
US Style

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

Canadian Style

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





Straight Style

The following table shows the available pre-tinned saw tip types in different grades.
Our new KCR04+ grade is available upon request.

Type, description	CTOPP08	CTOPP10	KCR02+	KCR05+	KCR06	KCR10	KCR18+	KCR32
10529		X				X		X
10975	X	X	X		X	X		X
11460					X	X		
11748		X			X	X		X
11963		X				X		
12356		X		X	X	X		
15705		X			X	X		
16387						X		
17037		X		X	X	X	X	X
18160		X				X		
18276						X		
20771				X		X		
20772						X		
22180		X						
22974					X			
24150	X	X			X	X		X
25374						X		
25618		X			X	X		X
26014		X		X	X	X		
26457	X	X	X	X	X	X	X	X
29984		X						
31440		X			X	X		
31450					X	X		
31591						X		
38376		X			X	X		X
41884					X	X		X
44092		X		X	X	X	X	X
44246						X		X
44671						X		
45863		X				X		X
46623		X				X		X
47938							X	
50208		X				X		X
50212		X				X		X
50884		X			X			
51603								X
60589		X				X	X	X
6071		X			X	X		

Straight Style

The following table shows the available pre-tinned saw tip types in different grades.
Our new KCR04+ grade is available upon request.

Type, description	CTOPP08	CTOPP10	KCR02+	KCR05+	KCR06	KCR10	KCR18+	KCR32
60743		X						
60888		X						
60915						X		

US Style

The following table shows the available pre-tinned saw tip types in different grades.
Our new KCR04+ grade is available upon request.

Type, description	CTOPP10	KCR06	KCR10	KCR18+	KCR32
WA	X				
WB	X		X		
WC	X				X
WD	X	X	X		
WE	X	X		X	
WF	X			X	
WG	X			X	X
WQ	X			X	X

Canadian Style

The following table shows the available pre-tinned saw tip types in different grades.
Our new KCR04+ grade is available upon request.

Type, description	CTOPP10	KCR05+	KCR06	KCR10	KCR18+	KCR32
WBC	X					
WDC	X		X	X	X	X
WEC	X		X	X	X	X
WFC	X	X	X	X	X	X
WGC	X	X	X	X	X	X
WHC			X			
WXC	X	X		X		X

Straight Style

This section covers the complete standard range of straight tips for circular saws. There are also many alternatives available, such as for hook, bottom, or side angles. If you still cannot find the design you are looking for, please consult the ‘Solutions for the construction industry’ catalogue 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.

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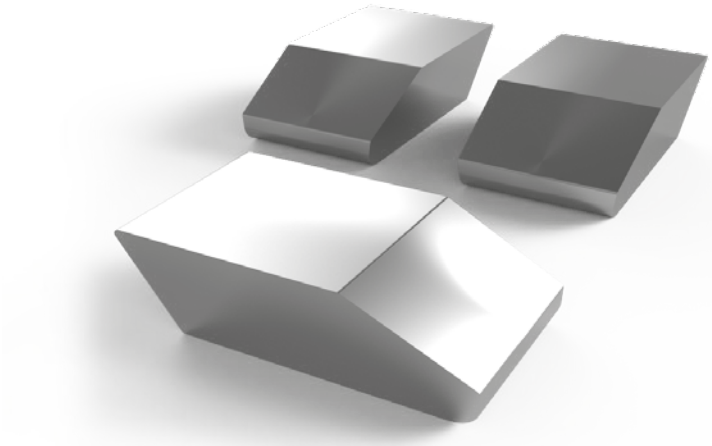
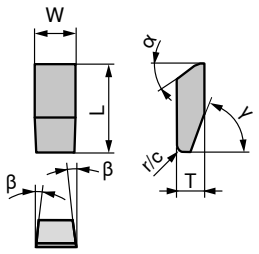
CERATIZIT designation system

Straight design

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	11748	—	10.50	X	3.80	X	2.50	TS90	KCR06

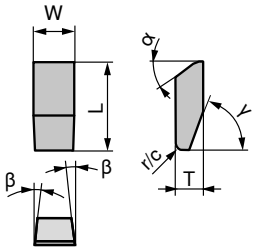


Straight Style



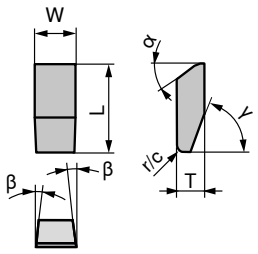
Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
60357	4.00	2.00	3.00	1.50	20	0	60	0.50			
45752	4.50	2.00	3.50	1.50	20	0	60	0.50			
45179	5.00	1.40	3.40	1.70	28		71	0.80			
28601	5.00	2.00	3.50	1.50	28	0	45		0.50	45	
44670	5.50	2.00	4.40	1.60	20	0	75		0.50	45	
47919	5.50	2.40	5.50	1.70	25	3	70	0.40			
25720	5.70	1.90	3.60	1.50	30				0.50	45	
13651	6.00	2.00	3.80	1.80	20	4	63		0.50	45	
25375	6.00	2.00	5.00	1.80	28	0	45		0.50	45	●
25374	6.00	2.00	5.00	2.00	28	0	45		0.50	45	●
51960	6.00	2.40	5.00	2.00	20				0.50	45	
47015	6.50	2.00	6.50	1.60	28	5	65	0.90			
16387	6.50	2.00	5.50	2.00	30	5	65	0.90			●
31440	6.50	2.00	6.00	2.00	28	0	57	0.90			●
31450	6.50	2.00	6.50	2.00	28	5	56	0.90			●
51449	6.50	2.00	6.50	2.30	10	2	70	0.50			
19183	6.50	2.20	6.20	2.10	25	5		0.50			
46283	6.50	2.40	4.00	2.00	19		45		0.50	45	
60088	6.50	2.60	6.50	2.00	20		65		0.50	45	
50680	6.50	2.70	5.00	2.30	20	4	70	0.50			
50900	6.50	3.30	4.00	2.20	28	5	70	0.80			
50925	6.50	3.30	4.50	2.50	30		65	0.50			
11460	7.00	2.00	9.00	2.00	28	6	67	0.60			●
29984	7.00	2.00	5.50	2.20	28	6	70	0.90			●
44671	7.00	2.00	7.00	2.30	20	0	76		0.50	45	●
51849	7.00	2.00	8.50	2.50	25	0	56		0.50	45	
51961	7.00	3.40	7.00	2.50	25				0.50	45	
50926	7.00	4.20	5.50	2.50	28	5	65	0.50			
15705	7.50	2.00	6.50	2.00	28	5	70	0.60			●
44814	7.50	2.00	6.50	2.40	30	0	50		0.50	45	●

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
26014	7.50	2.00	12.50	2.50	28	5	70	1.00			●
60243	7.80	4.20	5.40	2.70	25	2.5	70	0.50			
61530	7.80	3.40	3.40	2.50	25	3	70	0.50			
17037	8.00	2.00	8.50	2.30	28	5	70	0.80			●
60122	8.00	2.00	8.50	2.50	29	5	64	0.90			●
11963	8.00	2.00	10.00	2.50	28	5	70	0.80			●
6071	8.00	2.00	8.00	3.00	25	0	45	0.60			●
51786	8.00	2.00	6.50	3.40	30	0	65	0.80			●
51962	8.00	2.40	4.50	2.50	27				0.50	45	
45479	8.00	2.50	8.50	2.50	20		70		0.60	45	
51534	8.00	2.60	3.80	2.50	29	3.5	64.5	0.90			
51535	8.00	3.00	3.40	2.50	29	4.5	64.5	0.90			
60340	8.00	3.40	4.50	2.50	20	5	64.5	0.90			
10975	8.50	2.00	8.50	2.50	28	5	70	0.80			●
44246	8.50	2.00	7.50	3.20	30	3	60	0.80			●
41884	8.50	2.00	8.50	3.20	30	3	45	0.80			●
47784	8.50	2.00	6.00	3.50	25	0	65		0.50	45	
24466	9.00	2.00	6.00	2.50	20	0	57		0.50	45	●
25618	9.00	2.00	8.50	2.70	28	4	65	1.00			●
22974	9.00	2.00	9.00	2.70	28	5	45		0.50	45	●
60018	9.00	3.40	7.00	3.00	20	5	60	0.80			
50950	9.50	6.50	7.00	3.00	25	5	70	1.00			
49329	9.70	5.67	5.67	2.40							
24467	10.00	2.00	7.00	2.50	20	0	65		0.50	45	●
12154	10.00	2.00	8.00	2.80	30	6	70	0.80			●
31591	10.00	2.00	10.00	3.00	15	0	72	0.50			●
60192	10.00	3.70	5.00	3.00	28	5	63	0.80			
61189	10.00	17.00	26.00	4.00							
61203	10.00	20.00	20.00	4.00							
22180	10.50	2.00	7.00	2.30	28	5	70		0.50	45	●

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
11748	10.50	2.00	10.00	2.50	28	5	70	0.80			●
12356	10.50	2.00	15.50	3.00	28	5	70	0.80			●
51224	10.50	2.00	6.50	3.20	30	0	60	0.80			
50208	10.50	2.00	6.50	3.50	39	5	30	0.50			●
26457	10.50	2.00	13.00	3.50	28	5	60	0.80			●
47978	10.50	2.00	11.00	4.00	31	0	75	0.50			
60126	10.50	2.70	10.50	3.00	28	4		0.80			
50503	10.50	2.70	11.00	3.50	25		59	0.50			
60125	10.50	3.30	3.70	2.50	27	5	70	0.80			
60974	10.50	2.20	20.2	4.80	5				1.10	45	
17036	10.50	3.60	3.70	2.60	25	5	72	0.50			
19796	10.50	5.80	8.30	2.50	20			0.50			
51361	11.00	2.00	8.00	3.50	30	0	63		0.50	45	●
60888	11.00	2.00	8.00	4.00	28	5	60	0.80			
47938	11.50	2.00	6.50	3.00	28	4	72	0.80			
19975	12.00	2.00	12.50	3.50	30	10	45		0.50	45	●
60743	12.00	2.00	7.00	4.00	35	0	0		0.50	45	●
51492	12.00	6.80	10.30	4.00	25	5	45	0.80			
10529	12.50	2.00	11.50	3.00	30	8	70	0.80			●
46623	12.50	2.00	9.00	3.50	28	5	70	0.80			●
24150	12.50	2.00	12.00	4.00	30	0	70	0.80			●
50486	12.50	3.90	7.20	5.50	30		30				
24550	12.80	6.00	6.50	5.30	47		25	0.50			
44092	13.00	2.00	12.50	4.00	30	5	60	0.80			●
38376	13.00	2.00	16.00	4.00	30	5	45	0.90			●
18246	13.00	2.00	12.50	5.00	35	0	45		0.50	45	
60582	13.00	5.80	5.80	4.00	30	5	60	0.90			
18160	14.50	2.00	16.00	4.00	30	0	70	0.80			●
61010	14.50	6.00	7.00	4.00	44		70	0.80			
61268	14.50	11.00	11.00	5.00	30		66	1.00			
17109	15.50	2.00	13.00	5.00	30	0	0		1.00	45	

US Style

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 ‘Solutions for the construction industry’ catalogue 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.

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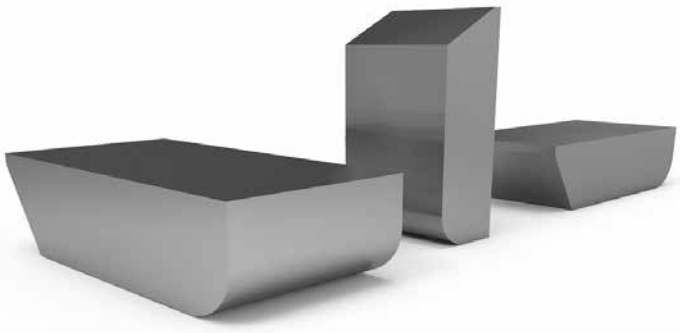
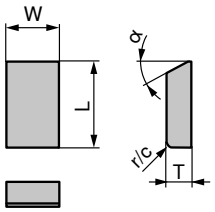
CERATIZIT designation system

US Style

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

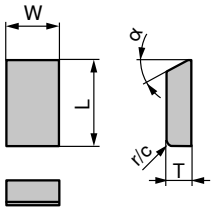


US Style – [inch]



Type, description	L [inch]	W_{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	●
WH	0.347	0.095	0.562	0.127	30	0.047	
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	●
WH	8.80	2.41	14.28	3.22	30	1.19	
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

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 ‘Solutions for the construction industry’ catalogue.

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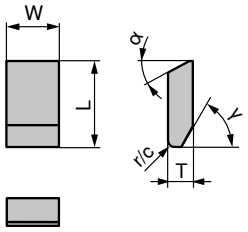
CERATIZIT designation system

Canadian Style

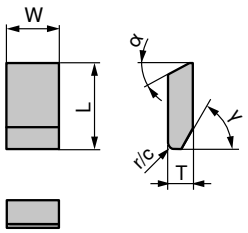
	Type, description	Width [inch]	Surface treatment	Grade
Example	WGC 7	(0.)110	TS90	KCR18+

Canadian Style – [inch]



Type, description	L [inch]	W_{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			●
WQC	0.354	0.157	0.590	0.157	30	60	0.039			●
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			●
WQC	9.59	4.32	15.88	4.01	30	60	1.19			●
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

The following tables present the possible range of dimensions available in Alternate Top style for the US, that is to say, in inches, 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 'Solutions for the construction industry' catalogue.

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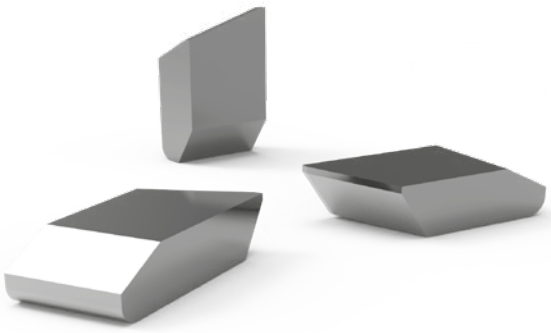
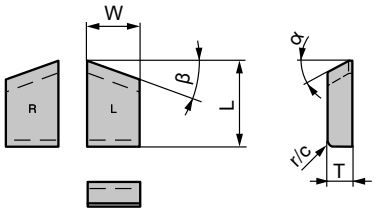
CERATIZIT designation system

US Style – Alternate Top

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

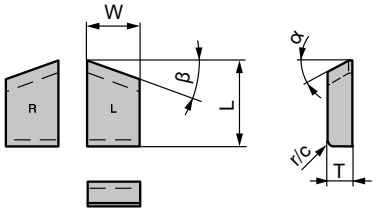


US Alternate Top Style – [inch]



Type, description	L [inch]	W_{min} [inch]	W_{max} [inch]	T [inch]	α [°]	β [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WB L	0.281	0.150	0.215	0.078	30	20		0.026	45	●
WB R	0.281	0.150	0.215	0.078	30	20		0.026	45	●
WD L	0.312	0.150	0.250	0.093	30	20		0.026	45	●
WD R	0.312	0.150	0.250	0.093	30	20		0.026	45	●
WE L	0.375	0.230	0.265	0.093	30	20	0.047			●
WE R	0.375	0.230	0.265	0.093	30	20	0.047			●

US Alternate Top Style – [mm]



Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WB L	7.14	3.81	5.46	1.98	30	20		0.65	45	●
WB R	7.14	3.81	5.46	1.98	30	20		0.65	45	●
WD L	7.92	3.81	6.35	2.41	30	20		0.65	45	●
WD R	7.92	3.81	6.35	2.41	30	20		0.65	45	●
WE L	9.52	5.84	6.73	2.36	30	20	1.19			●
WE R	9.52	5.84	6.73	2.36	30	20	1.19			●

Canadian Style – Alternate Top

The following tables present the possible range of dimensions available in Alternate Top style for Canada, that is to say, in inches, 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 'Solutions for the construction industry' catalogue.

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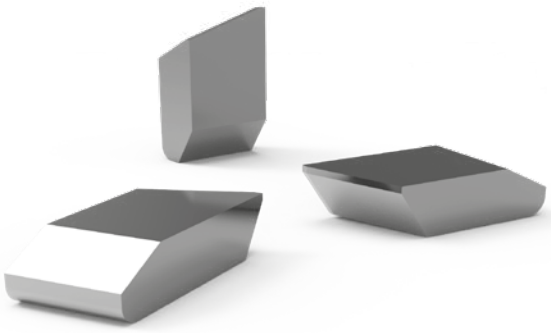
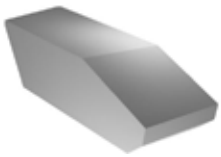
CERATIZIT designation system

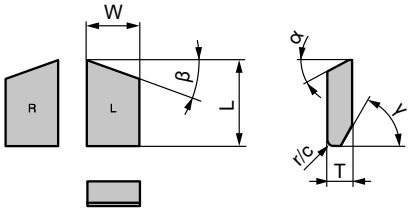
Canadian Style – Alternate Top

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



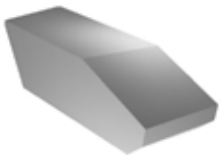
Canadian Style – Alternate Top – [inch]

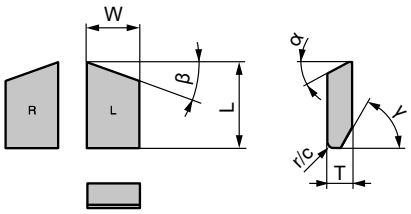




Type, description	L [inch]	W_{min} [inch]	W_{max} [inch]	T [inch]	α [°]	γ [°]	β [°]	r [inch]	c [inch]	Chamfer angle [°]	Pre-tinned possible
WDC L	0.311	0.130	0.375	0.095	30	60	20	0.030			●
WDC R	0.315	0.150	0.375	0.095	30	60	20	0.030			●
WEC L	0.375	0.170	0.330	0.093	30	60	20	0.030			●
WEC R	0.375	0.170	0.330	0.093	30	60	20	0.030			●
WFC L	0.509	0.145	0.200	0.127	35	70	20		0.030	45	●
WFC R	0.509	0.205	0.200	0.127	35	70	20		0.030	45	●
WGC L	0.375	0.150	0.270	0.125	30	60	20	0.030			●
WGC R	0.375	0.150	0.270	0.125	30	60	20	0.030			●

Canadian Style – Alternate Top – [mm]





Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	γ [°]	β [°]	r [mm]	c [mm]	Chamfer angle [°]	Pre-tinned possible
WDC L	7.90	3.30	9.52	2.41	30	60	20	0.76			
WDC R	7.99	3.81	9.52	2.41	30	60	20	0.76			
WEC L	9.52	4.32	8.38	2.36	30	60	20	0.76			●
WEC R	9.52	4.32	8.38	2.36	30	60	20	0.76			●
WFC L	12.70	3.55	5.08	3.18	35	70	20		0.76	45	●
WFC R	12.70	3.56	5.08	3.18	35	70	20		0.76	45	●
WGC L	9.52	3.81	6.86	3.17	30	60	20	0.76			●
WGC R	9.52	3.81	6.86	3.17	30	60	20	0.76			●

Radius 60000 Style

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

Here are the advantages this style offers:

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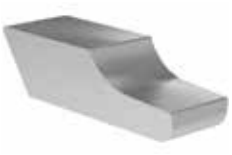
- Innovative geometry, allowing faster brazing and thus a more homogeneous connection between the carbide and the saw body
- Reduced weight, resulting in a significant cost reduction and less energy consumption especially for cordless devices
- Faster re-sharpening guaranteed

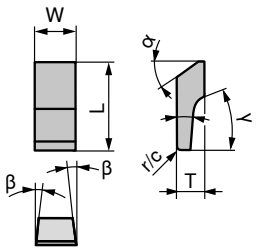
CERATIZIT designation system

Radius 60000 Style

	Type, description		Length [mm]		Width [mm]		Thickness [mm]	Surface treatment	Grade
Example	60000	—	8.00	X	3.40	X	2.50	TS90	KCR05+

Radius 60000 Style





Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	r [mm]	γ [°]
60000	8.00	2.00	7.00	2.30	28	5	0.80	70
60000	8.00	2.00	7.00	2.50	28	5	0.80	70
60000	8.00	2.00	7.00	3.00	28	0	0.80	70
60000	8.50	2.00	7.00	2.50	28	5	0.80	70
60000	10.50	2.00	7.00	2.50	28	5	0.80	70
60000	10.50	2.00	7.00	3.00	28	5	0.80	70
60000	10.50	2.00	7.00	3.50	28	5	0.80	70

Hollow Style

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.

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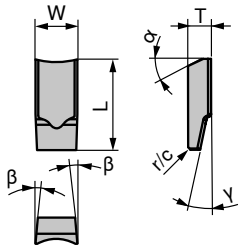
CERATIZIT designation system

Hollow Style

	Type, description		Length [mm]		Width [mm]		Thickness [mm]	Surface treatment	Grade
Example	51230	—	10.50	X	3.50	X	2.50	TS90	KCR06

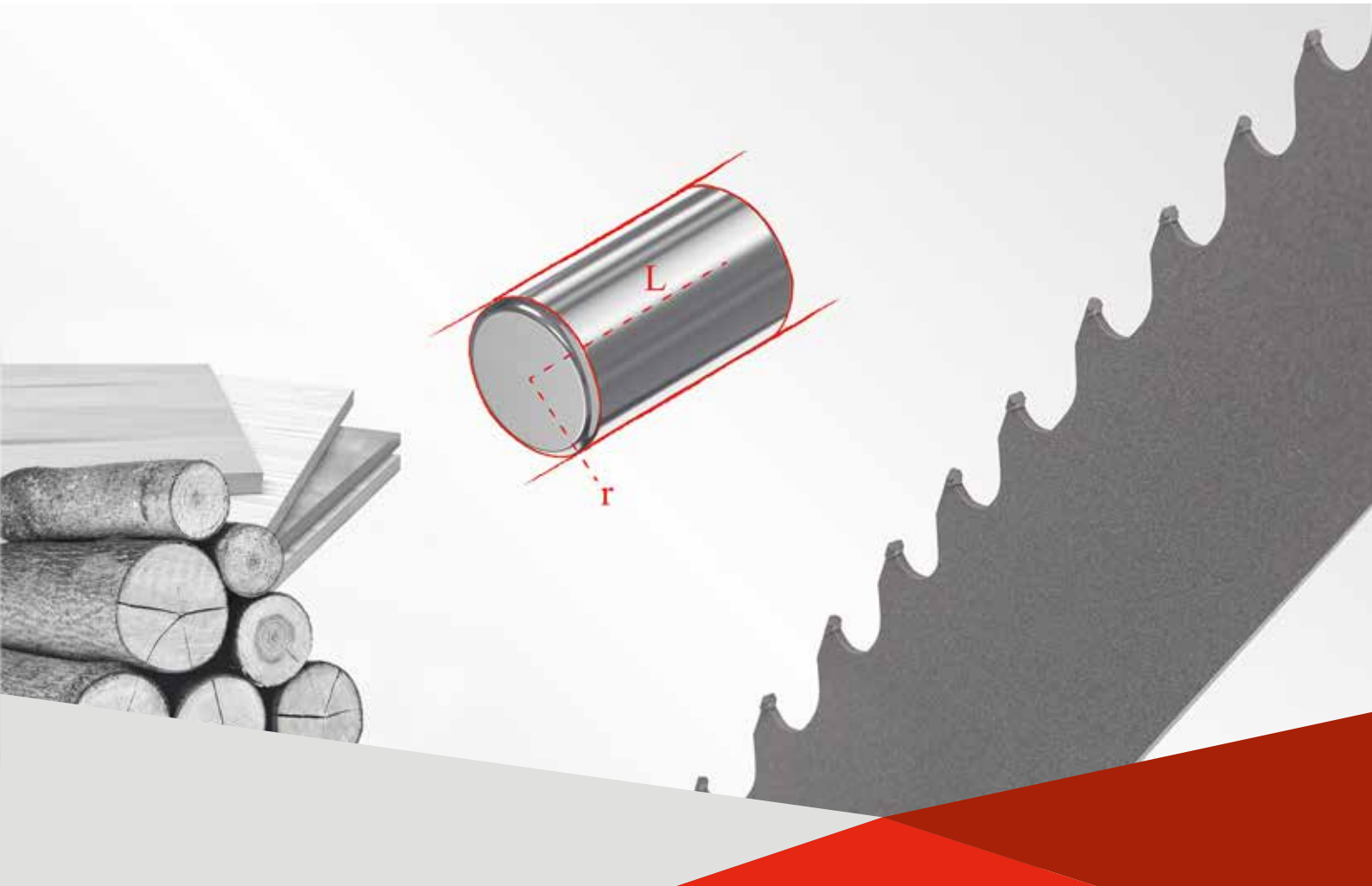
Hollow Style



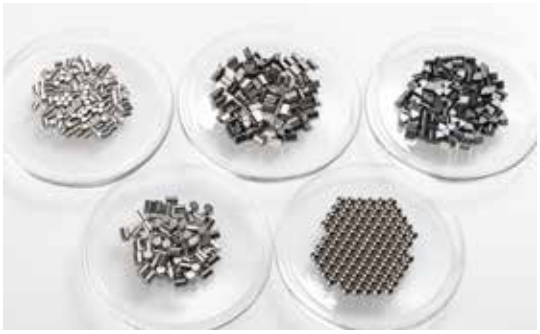
Type, description	L [mm]	W [mm]	T [mm]	α [°]	β [°]	γ [°]	c [mm]	r [mm]	Chamfer angle [°]
51242	8.50	3.20	2.00	25	4	80	0.30	3.10	45
51230	8.50	3.50	2.50	25	4	70	0.30	4.00	45
60209	8.50	3.50	2.50	25	4	70	0.30	3.00	45
50973	8.50	3.70	2.60	25	7	78	0.30	2.30	45
51231	8.50	4.00	2.60	25	7	78	0.30	3.30	45
51232	8.50	4.2	2.60	25	5	75	0.30	3.00	45
51233	8.50	4.50	2.60	25	4	70	0.30	6.00	45
51230	10.50	3.50	2.5	25	4	70	0.30	4.00	45
60209	10.50	3.50	2.50	25	4	70	0.30	3.00	45
50973	10.50	3.70	2.60	25	7	78	0.30	2.30	45
51229	10.50	3.80	2.60	25	7	78	0.30	3.30	45
51231	10.50	4.00	2.60	25	7	78	0.30	3.30	45
51233	10.50	4.50	2.60	25	4	70	0.30	6.00	45
16285	10.50	6.50	3.00	25	4	70	1.20	9.50	45

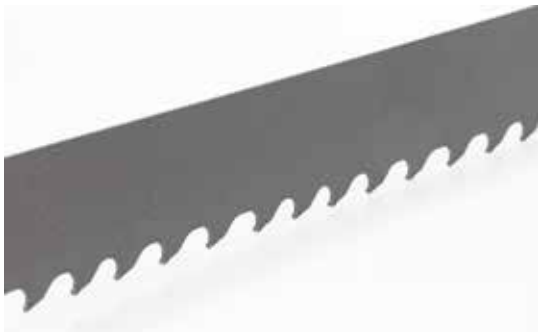
Tips for band saws

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 our ‘Solutions for the construction industry’ catalogue.



Grades for band saws



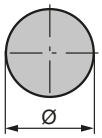


CERATIZIT grade code	Binder [m %]	Grain size	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
KCR04+	2.7	ultrafine	2150	94.5	8.0	3400	
KCR10	4.0	fine	1780	92.8	10.1	2800	
KCR18+	9.5	submicron	1590	91.7	10.8	3750	
KCR32	10.0	coarse	1140	87.7	16.5	2600	

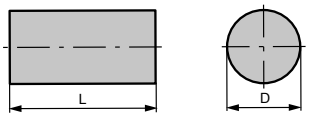
Softwood
Hardwood
Winter primary
Summer primary
Chipboard
MDF/HDF

Ball ... CTBA

Available only upon request



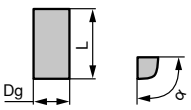
Cylinder ... CTCY



Diameter D [mm]	Diameter D [inch]	L [mm]	L [inch]
1.32	0.052	1.00 – 4.00	0.039 – 0.157
1.57	0.062	1.00 – 4.00	0.039 – 0.157
1.60	0.063	1.00 – 4.00	0.039 – 0.157
1.85	0.073	1.00 – 4.00	0.039 – 0.157
1.98	0.078	1.00 – 4.00	0.039 – 0.157
2.30	0.091	1.00 – 4.00	0.039 – 0.157
2.50	0.098	1.00 – 4.00	0.039 – 0.157
2.75	0.108	1.00 – 4.00	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	1.00 – 4.00	0.039 – 0.157

Other dimensions upon request

Saw tips for metal sawing

In the field of saw tip production, we have long-standing experience and are known for pioneering innovations in the world of metal cutting. Whether for band saws or circular saws, with CERATIZIT Hard Material Solutions you will find a wide variety of saw tips for metal sawing.

The combination of high carbide quality, state-of-the-art manufacturing technologies, and comprehensive application knowledge enables us to support our customers when developing and producing the best carbide saws.

Most of the carbide grades presented here are surface-treated, ready-to-braze, and suitable for PVD coating. For our band sawing tips, we offer cobalt and nickel coating suitable for resistance welding.

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Grades for metal sawing

CERATIZIT grade code	Binder [m %]	Grain size	Density [g/cm³]	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
P grades								
S25T	9.5	medium	12.50	1550	91.5	10.5	2800	
S40T	11.0	fine	13.25	1440	90.6	13.5	2400	
SMX	10.5	fine	12.40	1550	91.5	10.0	2200	
K grades								
CTS12D	6.0	submicron	14.95	1800	92.9	8.8	3700	
CTS15D	7.5	submicron	14.80	1740	92.6	9.5	3800	
CTS18D	9.0	submicron	14.55	1610	91.9	11.0	3800	
CTS22D	11.0	submicron	14.35	1520	91.2	12.0	3900	
CTS24D	12.0	submicron	14.15	1480	90.9	12.5	4000	
CTS30D	15.0	submicron	13.85	1435	90.5	13.5	4300	
Chrome grades								
KCR05+	3.0	fine	15.25	2160	94.5	7.8	2900	
KCR04+	2.7	ultrafine	15.15	2150	94.5	8.0	3400	
KCR10	4.0	submicron	15.15	1780	92.8	10.1	2800	
Cermet grade								
CTF36T	18.0	fine	5.90	1450	90.7	9.0	1800	

 Titanium

 Nickel alloy

 Cast iron

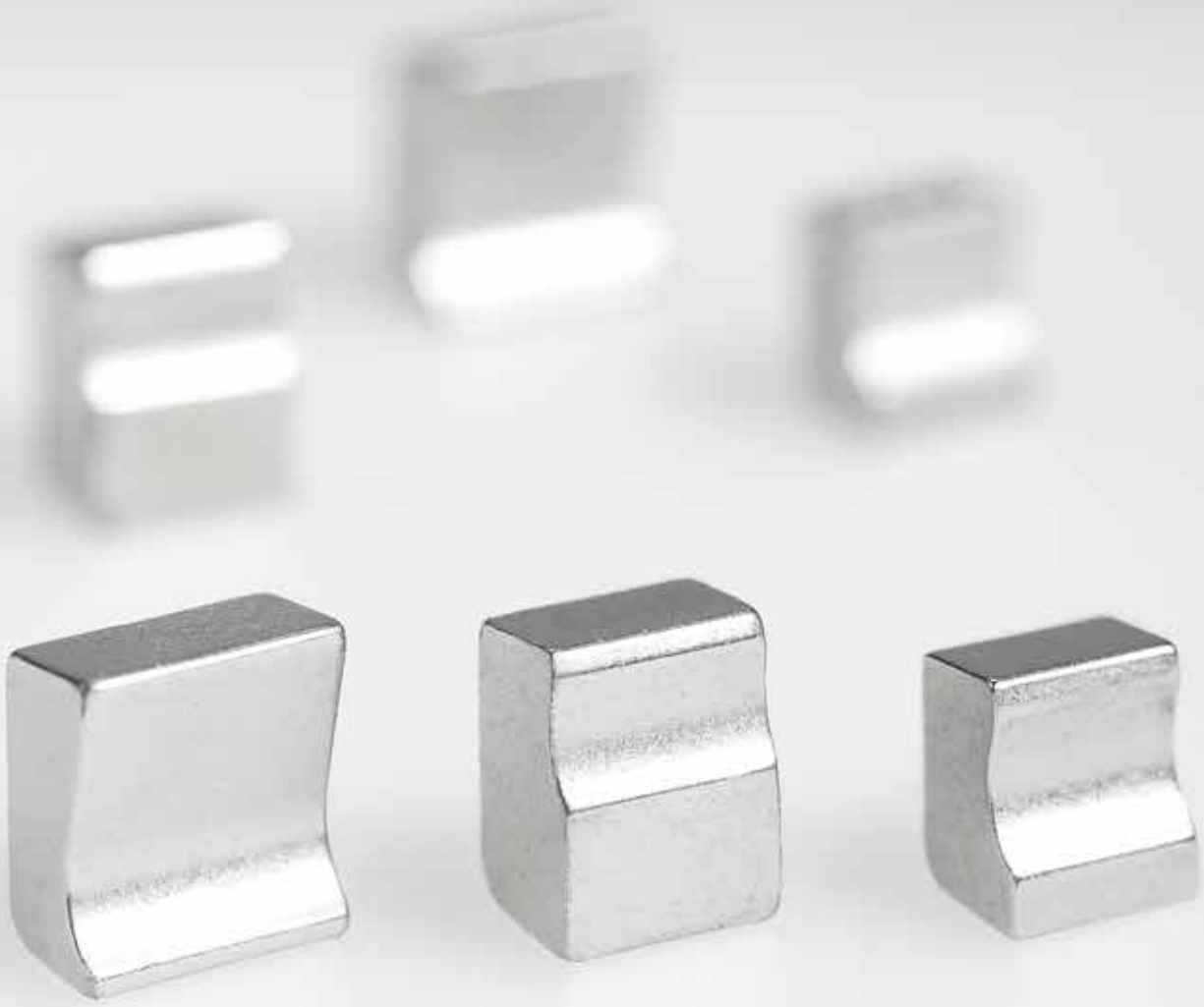
 Abrasive material

 Steel

 Composite material

 Non-ferrous, aluminium

 Stainless steel

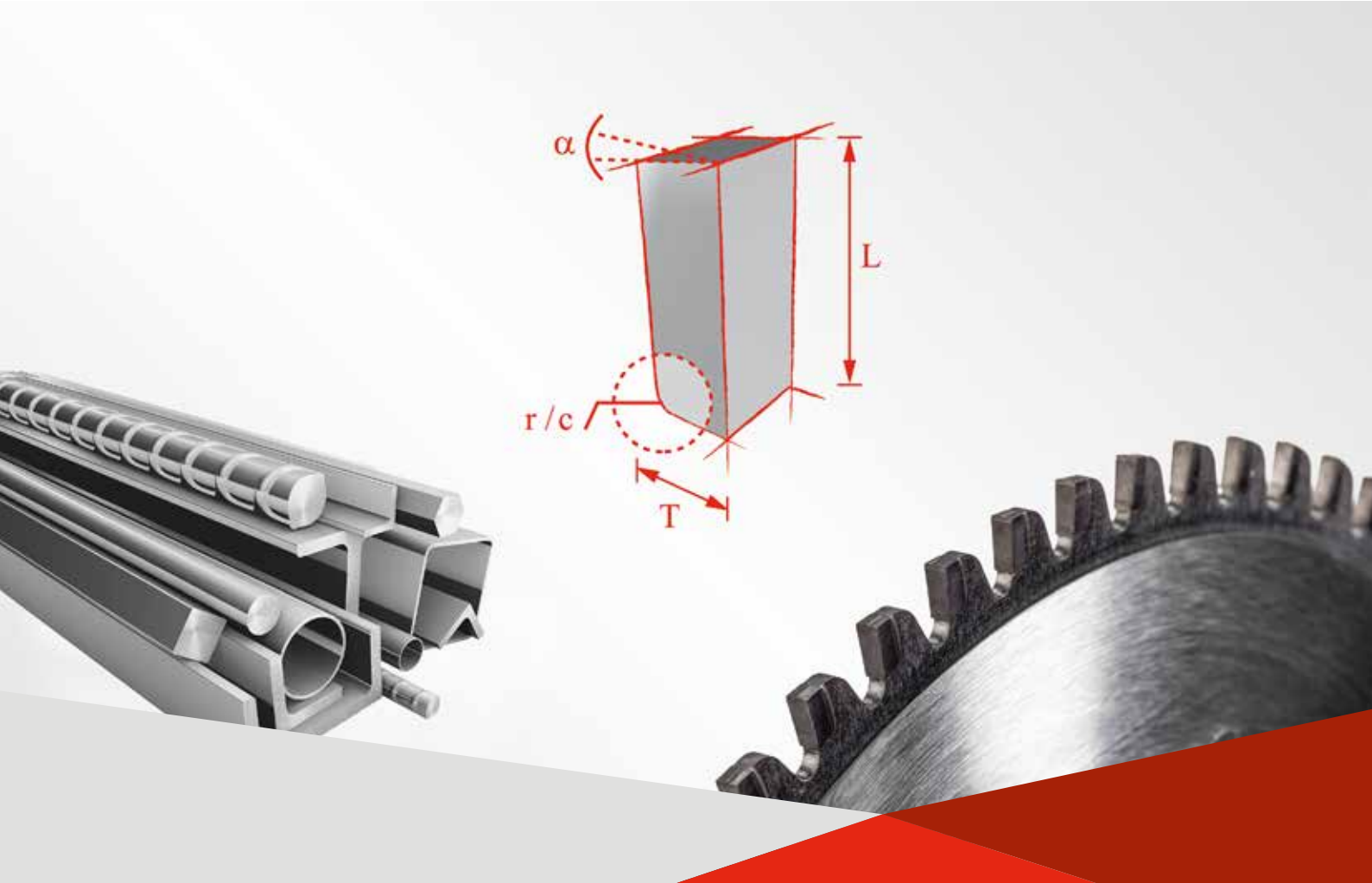


Tips for circular saws

For circular saws, we provide one of the most extensive standard ranges of grades and styles, with different dimensions and angles.

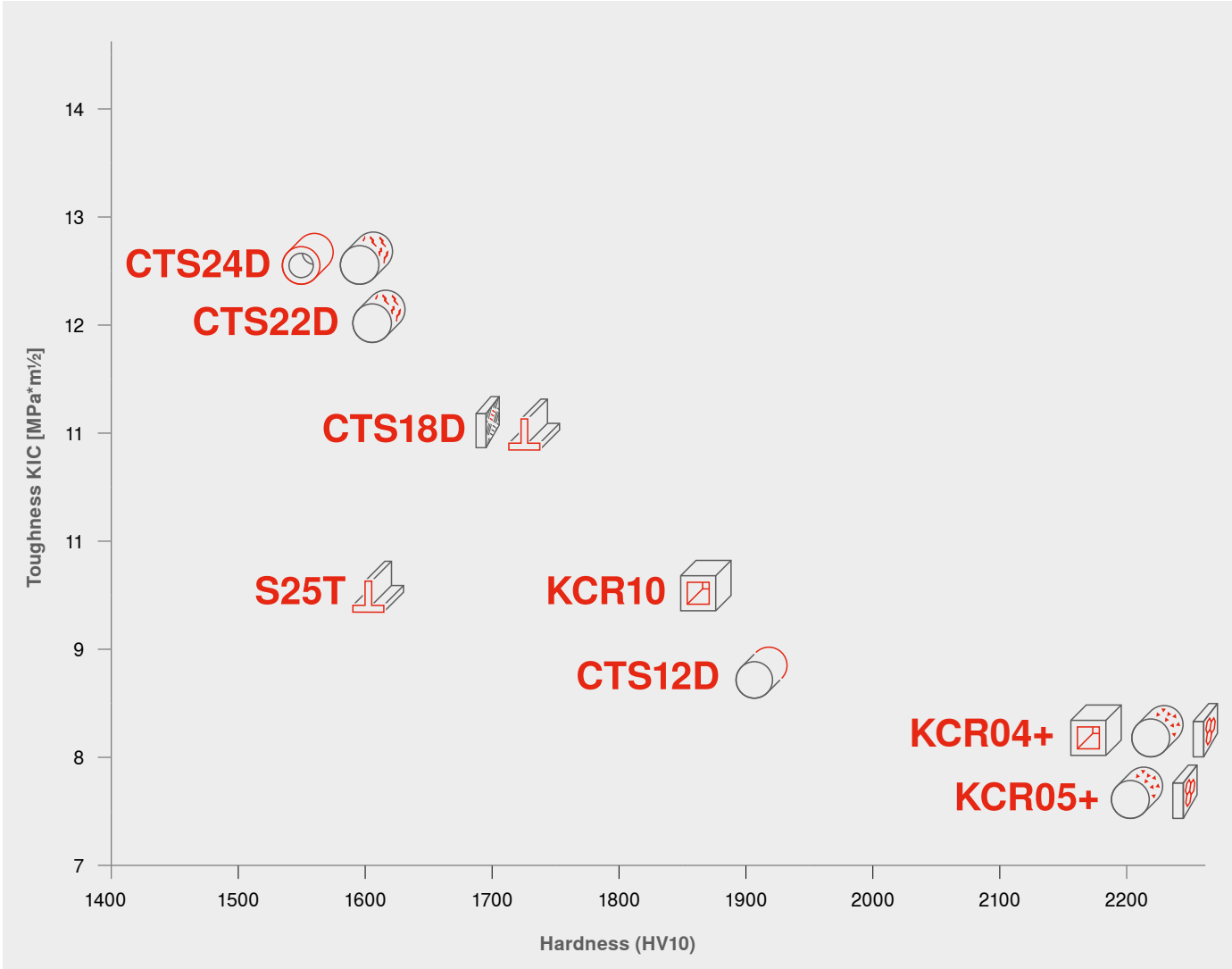
It goes without saying that we are happy to produce other geometries for you on request.

Visit our online shop



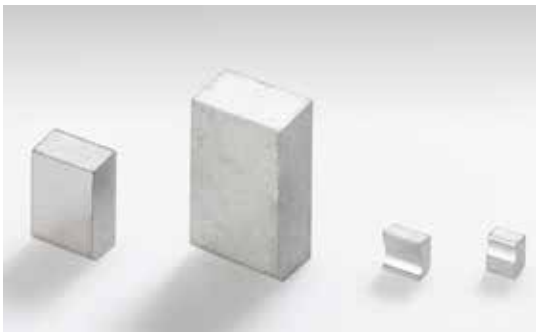
Grade recommendation

As each metal has its very own specific properties, we offer a wide variety of grades in the field of metal sawing. The graph and table will guide you in finding the right grade for your application.
Our brand new carbide grade KCR04+ guarantees highest performance and longer lifetime for abrasive wear thanks to its improved toughness-to-hardness ratio.



Titanium
Nickel alloy
Cast iron
Abrasive material
Steel
Composite material
Non-ferrous, aluminium
Stainless steel

Grades for circular saws



CERATIZIT grade code	Binder [m %]	Grain size	Density [g/cm³]	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
KCR05+	3.0	ultrafine	15.25	2160	94.5	7.8	2900	
KCR04+	2.7	ultrafine	15.15	2150	94.5	8.0	3400	
KCR10	4.0	fine	15.15	1780	92.8	10.1	2800	
CTF36T	18.0	fine	5.9	1450	90.7	9.0	1800	
S25T	9.5	medium	12.5	1550	91.5	10.5	2800	
S40T	11.0	fine	13.25	1440	90.6	13.5	2400	
SMX	10.5	fine	12.4	1550	91.5	10.0	2200	
CTS12D	6.0	submicron	14.95	1800	92.9	8.8	3700	
CTS15D	7.5	submicron	14.8	1740	92.6	9.5	3800	
CTS18D	9.0	submicron	14.55	1610	91.9	11.0	3800	
CTS22D	11.0	submicron	14.35	1520	91.2	12.0	3900	
CTS24D	12.0	submicron	14.15	1480	90.9	12.5	4000	
CTS30D	15.0	submicron	13.85	1435	90.5	13.5	4300	

Titanium
Nickel alloy
Cast iron
Abrasive material
Steel
Composite material
Non-ferrous, aluminium
Stainless steel

Pre-tinned

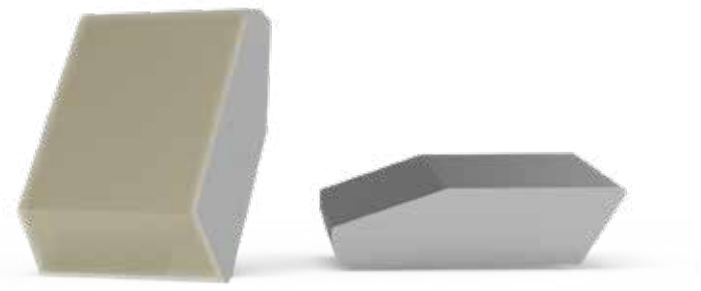
Pre-tinned saw tips for metal sawing are part of our portfolio. You can find the complete range of pre-tinned saw tips in the next section.

Visit our online shop

CERATIZIT designation system

Straight design

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	20771	—	5.30	X	2.50	X	2.70	TS90	CTS18D



Pre-tinned

The following table shows the available pre-tinned saw tip types in different grades.
Our new KCR04+ grade is available upon request.

Type, description	CTS12D	CTS18D	S25T	S40T	SMX
10975					X
11748	X				
11963					X
17037		X	X		X
20771		X	X	X	X
20772			X	X	
60888					X

Block design

The following tables present the possible range of dimensions available in block design. For any non-standard enquiries, please fill out the template relating to saw tips, which is available in the catalogue ‘Solutions for the construction industry’.

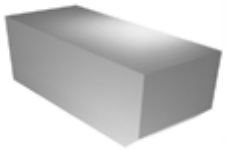
Visit our online shop

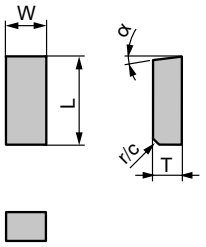
CERATIZIT designation system

Block design

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	20771	—	5.30	X	2.50	X	2.70	TS90	CTS18D

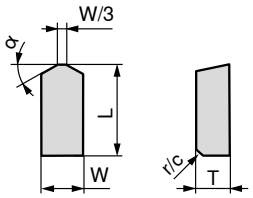
Block design, top angle (α ≤ 10°)





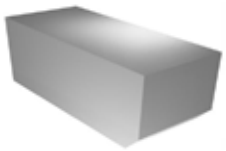
Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	r [mm]	c [mm]	Chamfer angle [°]
51508	4.40	2.00	11.50	2.90	0	0.50		
51500	4.40	2.00	6.50	2.40	0	0.50		
51500	4.50	2.50	4.50	2.50		0.50		
51508	4.50	3.00	3.50	2.00		0.80		
20771	5.30	2.00	15.00	2.70	8	1.00		
20772	7.00	2.00	17.00	4.00	8		1.00	45
20771	7.50	2.00	15.00	4.00	8	1.00		
20771	8.00	2.00	8.00	2.60	8	1.00		
20771	8.00	2.00	14.00	3.00	8	1.00		
20771	8.00	2.00	14.00	4.00	8	1.00		
20771	9.00	2.00	17.00	4.00	8	1.00		
20772	10.00	2.00	10.00	3.20	8		1.00	45
20771	10.00	2.00	15.00	4.00	8	1.00		
20771	10.00	2.00	17.00	4.50	8	1.00		
20771	10.50	2.00	18.00	2.60	8	1.00		
20771	10.50	2.00	16.00	3.00	8	1.00		
20771	10.50	2.00	16.50	3.50	8	1.00		
20771	11.00	2.00	14.00	3.50	8	1.00		
20771	11.00	2.00	15.00	4.00	8	1.00		
20771	12.00	2.00	17.00	4.00	8	1.00		
20772	12.00	2.00	17.00	4.00	8		1.00	45
20771	12.00	2.00	15.00	5.00	8	1.00		
20771	13.00	2.00	15.00	4.00	8	1.00		
20772	13.00	2.00	15.00	4.00	8		1.00	45
20771	15.00	2.00	17.00	4.00	8	1.00		
20772	15.00	2.00	17.00	4.00	8		1.00	45
20771	15.00	2.00	16.50	6.00	8	1.00		
20772	15.00	2.00	16.50	6.00	8		1.00	45
20772	16.00	2.00	14.00	4.00	8		1.00	45
20772	20.00	2.00	20.00	4.00	8		1.00	45
20771	20.00	2.00	22.00	6.00	8	1.00		
20772	20.00	2.00	22.00	6.00	8		1.00	45

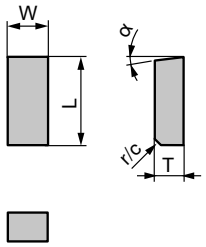
Block design tapered, top angle (α ≤ 10°)



Type, description	L [mm]	W [mm]	T [mm]	α [°]	c [mm]	Chamfer angle [°]
20769	10.00	7.00	4.50	8		
20769	12.30	7.20	4.00	8		
50547	10.30	8.00	4.50	10	1.90	45

Block design, top angle (α > 10°)





Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	r [mm]	c [mm]	Chamfer angle [°]
60798	6.10	2.00	6.50	1.70	30	0.50		
50557	7.50	2.40	2.40	2.00	20	0.50		
51309	10.30	7.00	7.00	4.20	14.5		1.00	45
19796	10.50	2.00	10.50	2.50	20	0.50		
43368	12.00	2.00	13.00	4.00	23		0.50	45
17109	15.40	2.00	13.00	4.90	30		1.00	45

Straight design

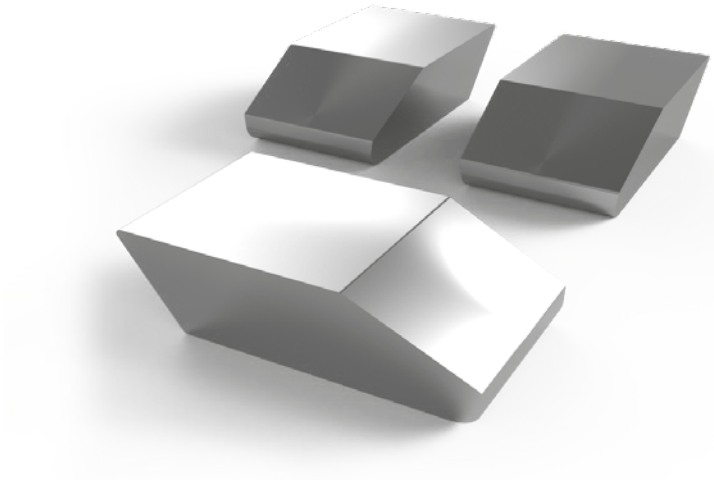
This section covers the complete standard range of straight tips for metal circular saws. If you still cannot find the design you are looking for, please send us the filled out template for enquiries relating to saw tips which is available at the end of the ‘Solutions for the construction industry’ catalogue.

Visit our online shop

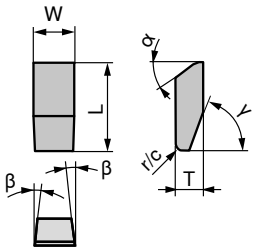
CERATIZIT designation system

Straight design

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	60357	—	4.00	X	2.30	X	1.50	TS90	CTS18D

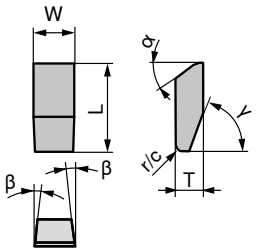


Straight design, top angle (α ≤ 10°)



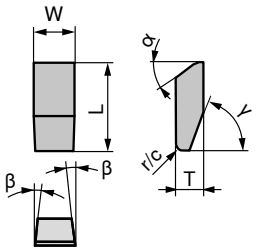
Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]
47438	4.00	3.50	6.00	2.50	8		45	0.40
51449	6.50	2.00	6.50	2.30	10	2	70	0.50
60163	8.00	2.00	6.50	2.30	10	5	70	0.80
60163	9.00	4.50	4.50	2.50	10	5	70	0.80
61252	8.00	4.60	4.60	2.50	10	2	70	0.80

Straight design, top angle (α > 10°)



Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]
60357	4.00	2.00	3.00	1.50	20	0	60	0.50		
45752	4.50	2.00	3.50	1.50	20	0	60	0.50		
28601	5.00	2.00	3.50	1.50	28	0	45		0.50	45
26794	5.00	1.60	2.00	2.00	30	5	60	0.80		
44670	5.50	2.00	3.50	1.60	20	0	75		0.50	45
46284	6.00	1.80	2.90	1.80	19		45		0.50	45
13651	6.00	2.00	3.50	1.80	20	4	63		0.50	45
25375	6.00	2.00	5.00	1.80	28	0	45		0.50	45
25374	6.00	2.00	5.00	2.00	28	0	45		0.50	45
16387	6.50	2.00	5.50	2.00	30	5	65	0.90		
31440	6.50	2.00	6.00	2.00	28	0	57	0.90		
47015	6.50	2.00	6.50	1.60	28	5	65	0.90		
31450	6.50	2.00	6.50	2.00	28	5	56	0.90		
51449	6.50	2.00	6.50	2.30	10	2	70	0.50		
25376	6.50	1.30	6.60	2.00	28		45		0.50	45
29984	7.00	2.00	5.50	2.20	28	6	70	0.90		
44671	7.00	2.00	7.00	2.30	20	0	76		0.50	45
51849	7.00	2.00	8.50	2.50	25	0	56		0.50	45
11460	7.00	2.00	9.00	2.00	28	6	67	0.60		
15705	7.50	2.00	6.50	2.00	28	5	70	0.60		
26014	7.50	2.00	12.5	2.50	28	5	70	1.00		

Straight design, top angle (α > 10°)



Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	β [°]	γ [°]	r [mm]	c [mm]	Chamfer angle [°]
44814	7.50	2.00	6.50	2.40	30	0	50		0.50	45
25907	7.50	2.50	7.00	2.20	25		72	0.50		
11963	8.00	2.00	10.00	2.50	28	5	70	0.80		
51786	8.00	2.00	6.50	3.40	30	0	65	0.80		
6071	8.00	2.00	8.00	3.00	25	0	45	0.60		
17037	8.00	2.00	8.50	2.30	28	5	70	0.80		
60122	8.00	2.00	8.50	2.50	29	5	64	0.90		
61059	8.00	4.10	5.50	3.00	18		45	0.80		
47784	8.50	2.00	6.00	3.50	25	0	65		0.50	45
44246	8.50	2.00	7.50	3.20	30	3	60	0.80		
10975	8.50	2.00	8.50	2.50	28	5	70	0.80		
41884	8.50	2.00	8.50	3.20	30	3	45	0.80		
24466	9.00	2.00	6.00	2.50	20	0	57		0.50	45
22974	9.00	2.00	6.00	2.70	28	5	45		0.50	45
25618	9.00	2.00	8.50	2.70	28	4	65	1.00		
31591	10.00	2.00	10.00	3.00	15	0	72	0.50		
24467	10.00	2.00	7.00	2.50	20	0	65		0.50	45
12154	10.00	2.00	8.00	2.80	30	6	70	0.80		
26457	10.50	2.00	13.00	3.50	28	5	60	0.80		
12356	10.50	2.00	15.50	3.00	28	5	70	0.80		
51224	10.50	2.00	6.50	3.20	30	0	60	0.80		
22180	10.50	2.00	7.00	2.30	28	5	72		0.50	45
11748	10.50	2.00	10.00	2.50	28	5	70	0.80		
51361	11.00	2.00	8.00	3.50	30	0	63		0.50	45
60888	11.00	2.00	8.00	4.00	28	5	60	0.80		
47938	11.50	2.00	6.50	3.00	28	4	72	0.80		
44770	12.00	7.20	7.20	4.00	23				0.50	45
19975	12.00	2.00	12.50	3.50	30	10	45		0.50	45
10529	12.50	2.00	11.50	3.00	30	8	70	0.80		
24150	12.50	2.00	12.00	4.00	30	0	70	0.80		
46623	12.50	2.00	9.00	3.50	28	5	70	0.80		
44770	12.50	9.00	12.00	6.00	23				0.50	45
44092	13.00	2.00	12.50	4.00	30	5	60	0.80		
38376	13.00	2.00	16.00	4.00	30	5	45	0.90		
18160	14.50	2.00	16.00	4.00	30	0	70	0.80		
44982	15.00	7.20	9.20	4.00	23				0.50	45
44770	15.00	9.00	13.00	6.00	23				0.50	45
44770	17.50	9.70	12.00	6.00	23				0.50	45
44770	18.00	10.00	10.00	6.00	23				0.50	45
44770	20.00	9.00	18.00	6.00	23				0.50	45
44770	25.00	12.00	12.00	6.00	23				0.50	45

Net shape design

Based on our experience in circular sawing production, we offer a large range of net shape designs for metal sawing. The tables on the next pages regroup our products by types according to specific length and width range.

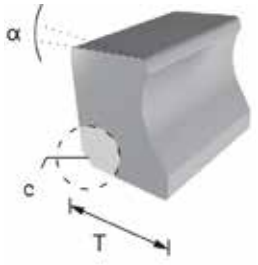
Visit our online shop

CERATIZIT designation system

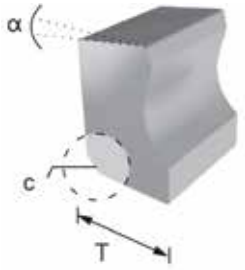
Net shape design

	Type, description		Length		Width		Thickness	Surface treatment	Grade
Example	60229	—	3.00	X	3.20	X	2.50	TS90	CTS18D

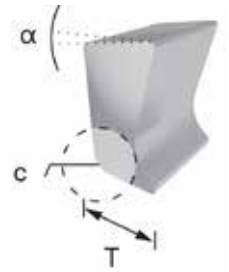
Net shape design



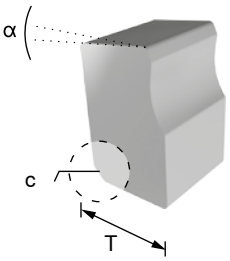
60229



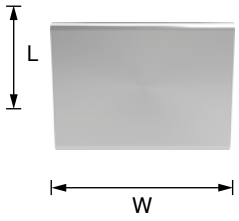
38111



47591 / 50661 / 50773

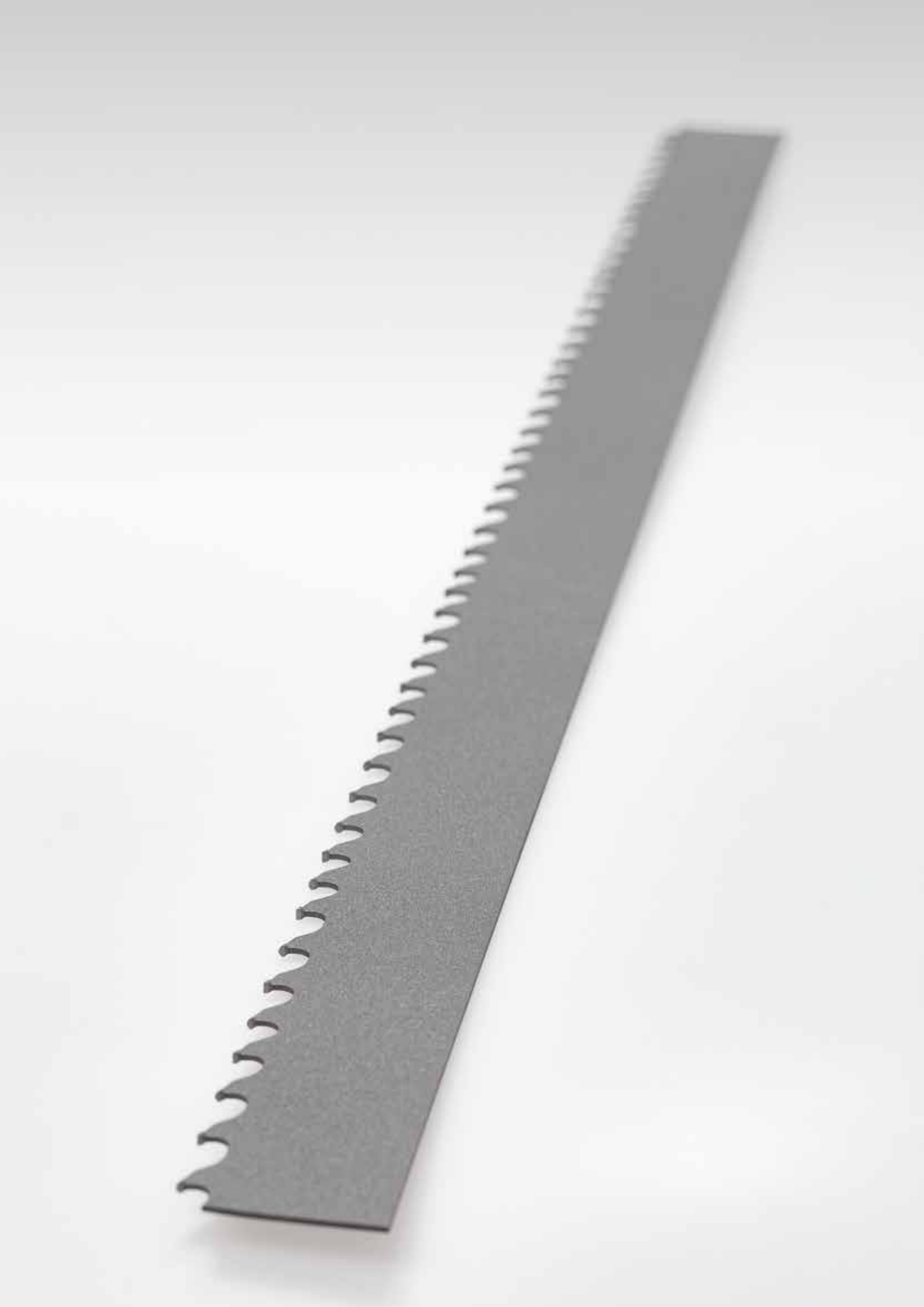


60230



All designs

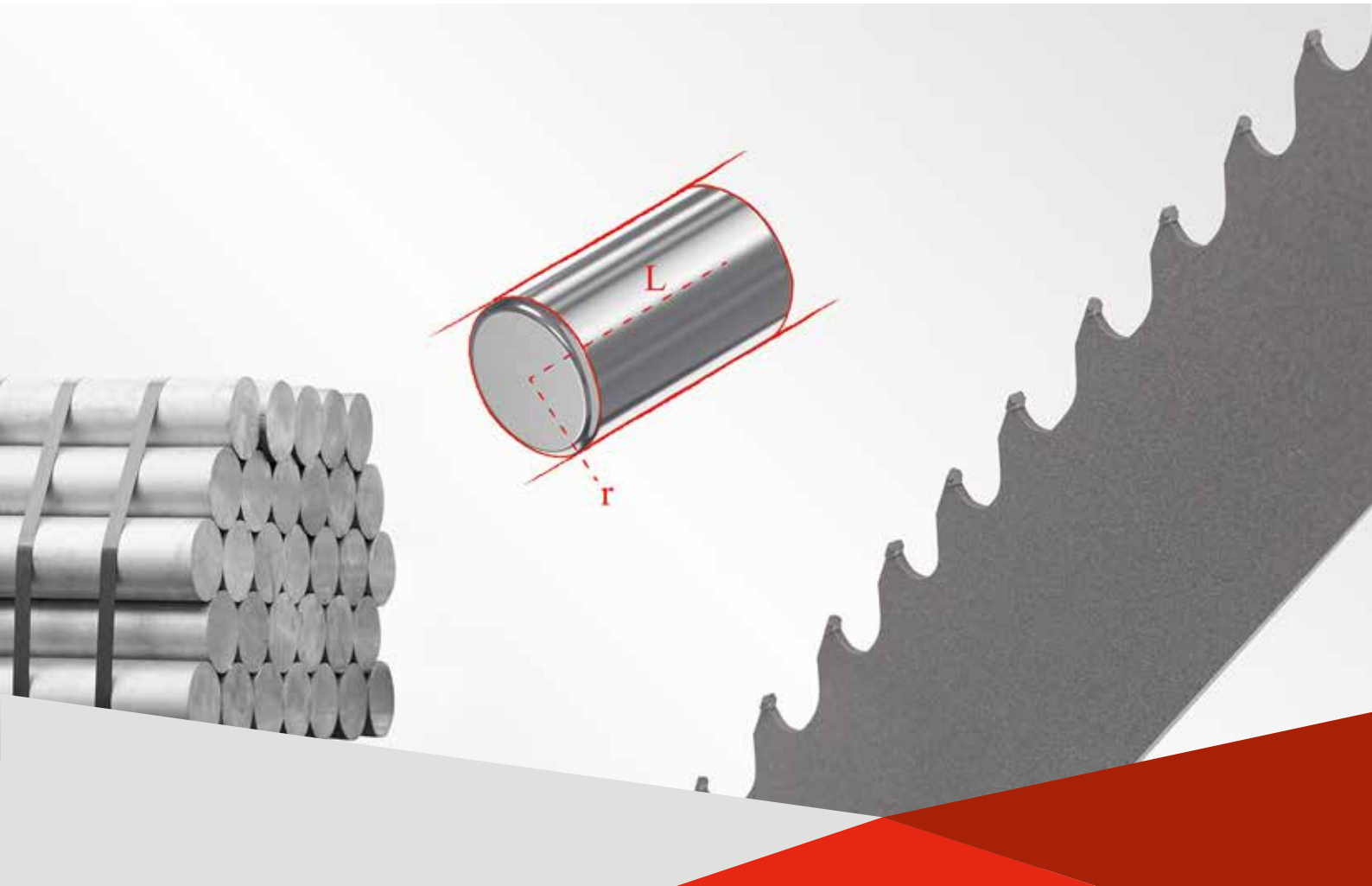
Type, description	L [mm]	W_{min} [mm]	W_{max} [mm]	T [mm]	α [°]	c [mm]	Chamfer [°]
60229	3.00	2.00	5.00	2.50	9	0.40	45
38111	3.70	2.00	6.50	2.50	8	0.40	45
50661	4.32	2.00	5.50	2.70	8	0.40	45
50773	4.34	1.80	2.80	2.50	7	0.36	
60230	4.70	2.00	5.00	2.50	5	0.30	45
47591	5.30	3.10	4.80	2.70	8	0.80	



Tips for band saws

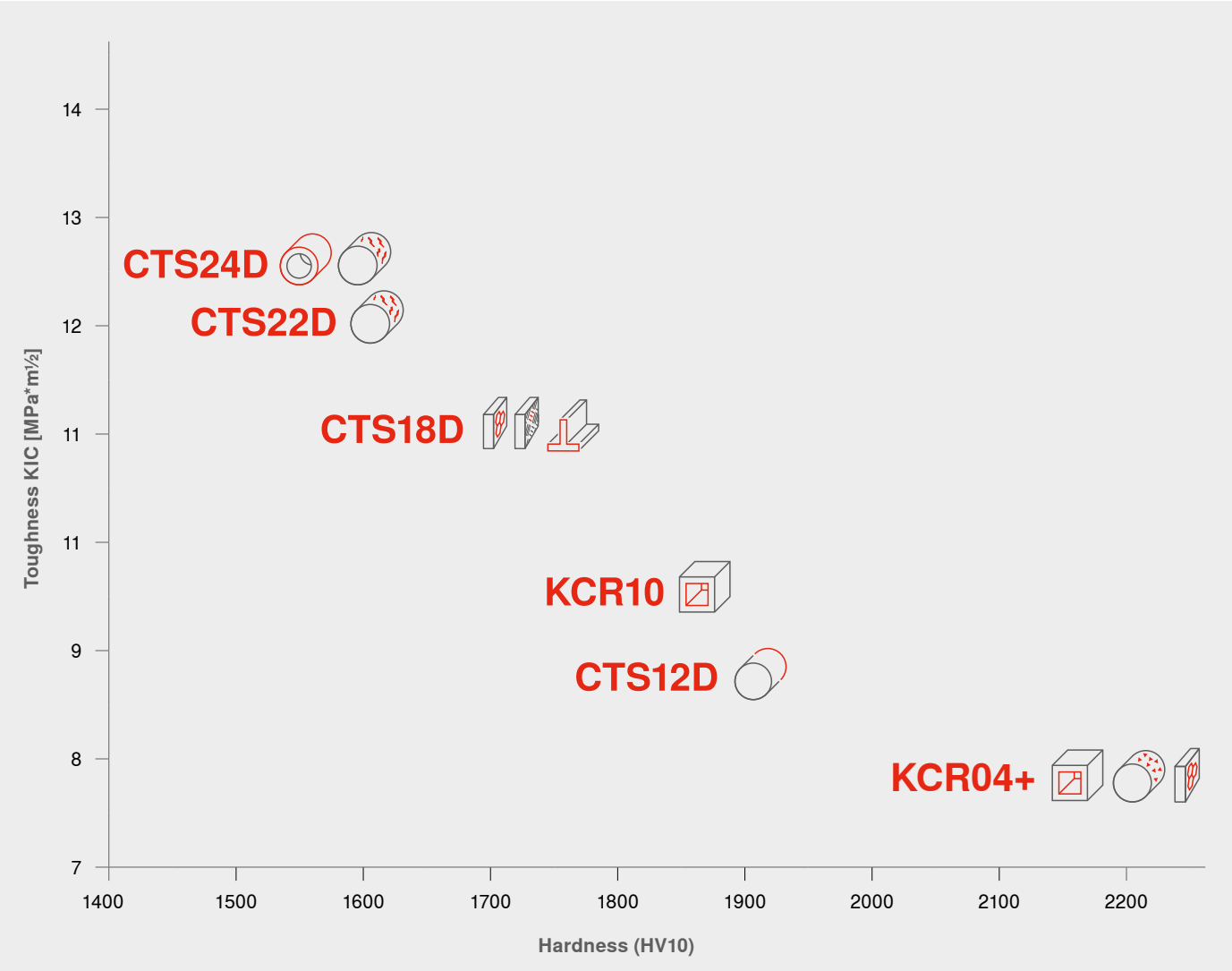
We offer balls, cylinders, and segments for the production of band saws. In addition to our standard product portfolio, we provide all specific designs on request.

Visit our online shop



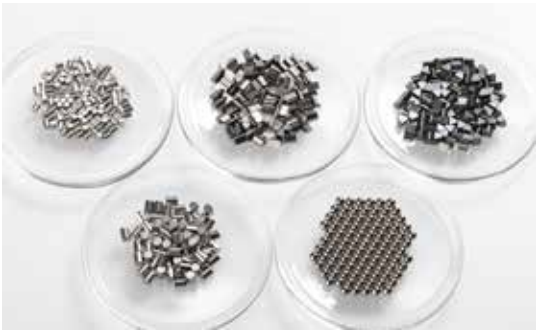
Grade recommendation

As each metal has its very own specific properties, we offer a wide variety of grades in the field of metal sawing. The graph and table will guide you in finding the right grade for your application.



Titanium
Nickel alloy
Cast iron
Abrasive material
Steel
Composite material
Non-ferrous, aluminium
Hardness (HV10)

Grades for band saws

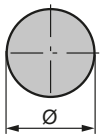


CERATIZIT grade code	Binder [m %]	Grain size	Density [g/cm³]	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
KCR04+	2.7	ultrafine	15.15	2150	94.5	8.0	3400	
KCR10	4.0	fine	15.15	1780	92.8	10.1	2800	
CTS12D	6.0	submicron	14.95	1800	92.9	8.8	3700	
CTS15D	7.5	submicron	14.8	1740	92.6	9.5	3800	
CTS18D	9.0	submicron	14.55	1610	91.9	11.0	3800	
CTS22D	11.0	submicron	14.35	1520	91.2	12.0	3900	
CTS24D	12.0	submicron	14.15	1480	90.9	12.5	4000	
CTS30D	15.0	submicron	13.85	1435	90.5	13.5	4300	

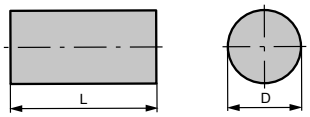
Titanium
Nickel alloy
Cast iron
Abrasive material
Steel
Composite material
Non-ferrous, aluminium
Stainless steel

Ball ... CTBA

Available only upon request



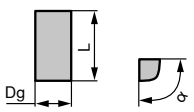
Cylinder ... CTCY



Diameter D [mm]	Diameter D [inch]	L [mm]	L [inch]
1.32	0.052	1.00 – 4.00	0.039 – 0.157
1.57	0.062	1.00 – 4.00	0.039 – 0.157
1.60	0.063	1.00 – 4.00	0.039 – 0.157
1.85	0.073	1.00 – 4.00	0.039 – 0.157
1.98	0.078	1.00 – 4.00	0.039 – 0.157
2.30	0.091	1.00 – 4.00	0.039 – 0.157
2.50	0.098	1.00 – 4.00	0.039 – 0.157
2.75	0.108	1.00 – 4.00	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	1.00 – 4.00	0.039 – 0.157

Other dimensions upon request

Strobe blanks

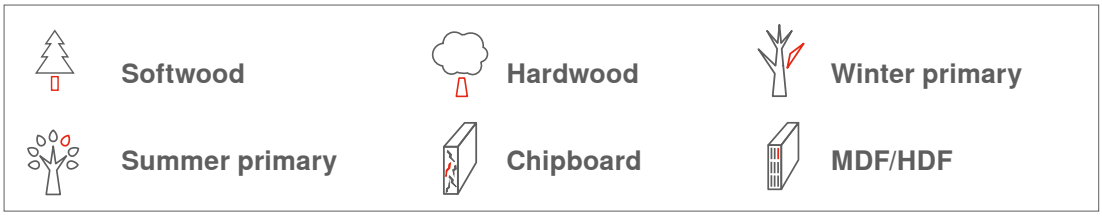
In addition to our standard strobe blanks, which are also available pre-tinned, we offer an innovative design with a 7° side angle which allows a crucial material reduction. All our strobe blanks are available in a large range of sizes.

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

Visit our online shop

Grades for strobe blanks

CERATIZIT grade code	Binder [m %]	Grain size	Density [g/cm³]	Hardness HV10	Hardness HRA	Fracture toughness (KiC) [MPa*m½]	Transverse rupture strength [MPa]	Applications
CTOPP08	8.0	fine		1630	92.0	9.0	3000	
CTOPP10	10.0	submicron		1570	91.6	10.0	3000	



7° Style

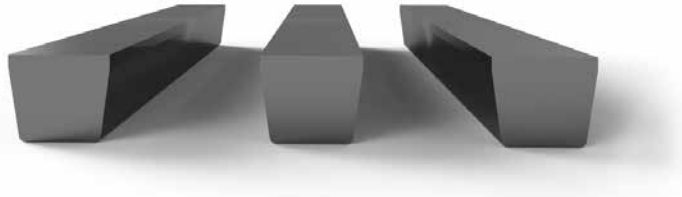
In order to reduce cost and allow material savings, we have introduced a new design with two side angles of 7°. Those products are surface treated with cobalt - TS8. Our standard range is presented in the following tables. Other dimensions are also available on request – please get in touch with your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

Visit our online shop

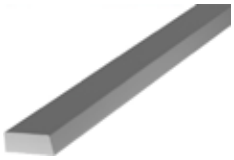
CERATIZIT designation system

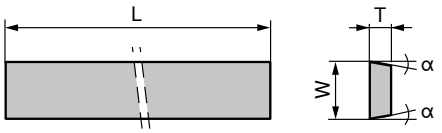
7° Style

	Type, description		Thickness [mm]		Width [mm]		Length [mm]	Surface treatment	Grade
Example	CT SB02	—	2.00	X	3.50	X	310.00	TS8	CTOPP10



7° Style





	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	2.70	310.00	7	14487302
CT SB02	2.00	2.80	310.00	7	12121649
CT SB02	2.00	3.00	310.00	7	12121650
CT SB02	2.00	3.10	310.00	7	12617496
CT SB02	2.00	3.20	310.00	7	12121651
CT SB02	2.00	3.30	310.00	7	12617498
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	4.80	310.00	7	12617502
CT SB02	2.00	5.00	310.00	7	12121657
CT SB02	2.00	5.20	310.00	7	14444555
CT SB02	2.00	5.50	310.00	7	12260069

Conventional Style

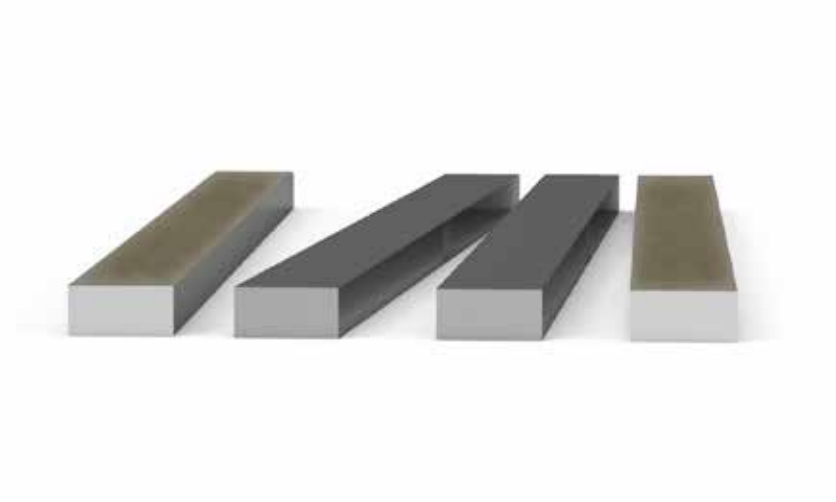
A wide range of cut-to-lengths is available on request. You will also find pre-tinned articles which help you save cost and reduce your production time. Please consult the ‘Solutions for the construction industry’ catalogue for more information or send us the filled-out template for enquiries relating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

Visit our online shop

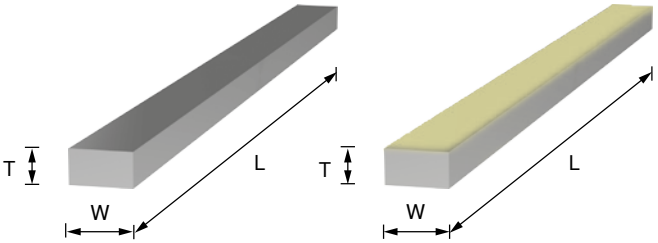
CERATIZIT designation system

Conventional Style

	Type, description		Thickness [mm]		Width [mm]		Length [mm]	Surface treatment	Grade
Example	CT SB00	—	2.00	X	2.50	X	30.00	DA	CTOPP10

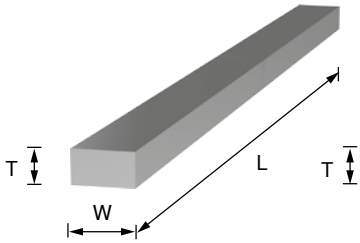


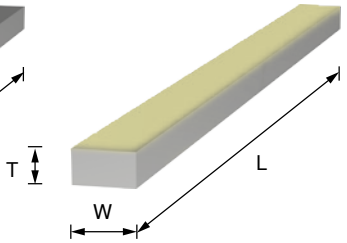
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP08	CTOPP10 pre-tinned	CTOPP08 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	12568248
CT SB00	2.00	2.50	30.00	11771974		11806210	
CT SB00	2.00	2.50	35.00	11829532		11879375	12568260
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	18076441			
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	25.00			12539942	
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	12237866	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			
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	24018056			

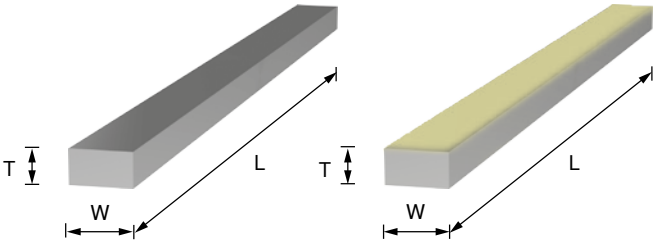
Conventional Style





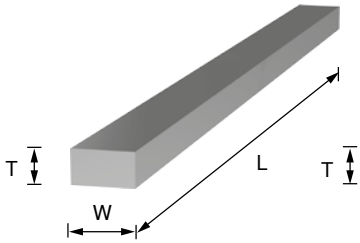
Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP08	CTOPP10 pre-tinned	CTOPP08 pre-tinned
CT SB00	2.00	3.20	20.00	12060633		12147123	
CT SB00	2.00	3.20	22.00	11936657			
CT SB00	2.00	3.20	25.00	12096419		14426553	
CT SB00	2.00	3.20	30.00	11771981		11856014	
CT SB00	2.00	3.20	40.00	11771982		11853410	
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	12568251
CT SB00	2.00	3.30	30.00	11771984	12237868	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	12570278	11998484	12568261
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	24018060			
CT SB00	2.00	3.40	22.00			12268489	
CT SB00	2.00	3.40	30.00	11928281		11856020	
CT SB00	2.00	3.40	50.00	12300307			
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	12557708	11822951	
CT SB00	2.00	3.50	35.00	11791056		12228701	
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	23984475			
CT SB00	2.00	3.60	30.00	11794217			
CT SB00	2.00	3.60	35.00	12623765			
CT SB00	2.00	3.60	40.00	11771990		11806216	
CT SB00	2.00	3.60	60.00			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	

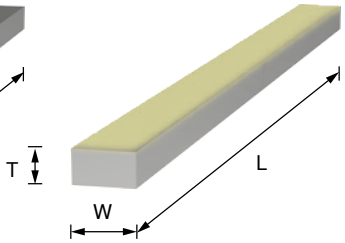
Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP08	CTOPP10 pre-tinned	CTOPP08 pre-tinned
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	12280506	11998482	12568254
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		57001216	
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	
CT SB00	2.00	4.00	40.00	11719646		11847725	
CT SB00	2.00	4.00	45.00	11791076	12443755	11998487	
CT SB00	2.00	4.00	50.00	11791078		11847730	
CT SB00	2.00	4.00	55.00	11817377		12304367	
CT SB00	2.00	4.00	60.00	11772142		11847728	
CT SB00	2.00	4.00	65.00	11841884		12302639	
CT SB00	2.00	4.00	70.00	12030265		14460177	
CT SB00	2.00	4.00	75.00	11940569			
CT SB00	2.00	4.00	310.00	23970038			
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	12568263
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	

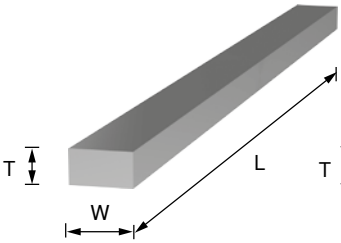
Conventional Style

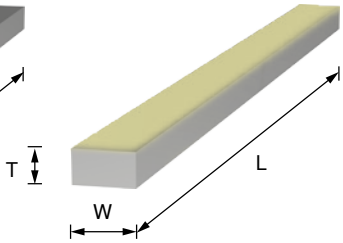




Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP08	CTOPP10 pre-tinned	CTOPP08 pre-tinned
CT SB00	2.00	4.20	310.00	11958622			
CT SB00	2.00	4.30	50.00	11801490			
CT SB00	2.00	4.40	30.00	12060634			
CT SB00	2.00	4.40	40.00	12044785		11856022	
CT SB00	2.00	4.40	50.00	12060635			
CT SB00	2.00	4.50	25.00	11956393			
CT SB00	2.00	4.50	30.00	11889005	12417331	11889006	
CT SB00	2.00	4.50	35.00	11889008		11888989	
CT SB00	2.00	4.50	40.00	11772147	12417334	11891759	12568265
CT SB00	2.00	4.50	45.00	11794219		11837705	12568269
CT SB00	2.00	4.5	50.00	11791099		11832754	
CT SB00	2.00	4.50	55.00	11791102		12297555	
CT SB00	2.00	4.50	60.00	11772148		11837709	
CT SB00	2.00	4.50	65.00	11845776		12538485	
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	23862418			
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	4.60	310.00	14448128			
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	4.80	310.00	12309243			
CT SB00	2.00	5.00	20.00	12045575	12557711		
CT SB00	2.00	5.00	25.00	11956388			
CT SB00	2.00	5.00	30.00	11936604	12417333		
CT SB00	2.00	5.00	35.00	11959000		11926581	
CT SB00	2.00	5.00	38.00			12371115	
CT SB00	2.00	5.00	40.00	11865192	12417321	11847729	
CT SB00	2.00	5.00	45.00	11838054		12126031	
CT SB00	2.00	5.00	50.00	11772149	12405830	11855470	

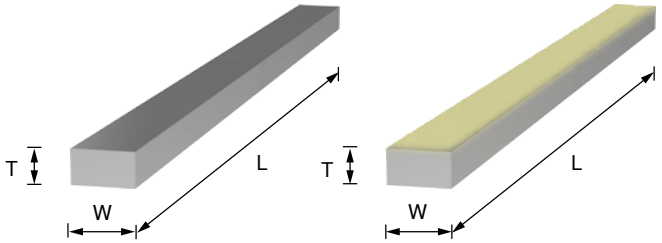
Conventional Style





Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP08	CTOPP10 pre-tinned	CTOPP08 pre-tinned
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		12320857	
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		14495910	
CT SB00	2.00	5.00	85.00	11961659			
CT SB00	2.00	5.00	90.00	11936609			
CT SB00	2.00	5.00	310.00	23954242			
CT SB00	2.00	5.20	40.00	11894922		12078342	
CT SB00	2.00	5.20	50.00	14481635		12120974	
CT SB00	2.00	5.20	55.00	14481636			
CT SB00	2.00	5.20	60.00	14481639		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	30.00	11938282			
CT SB00	2.00	5.50	35.00	11956370			
CT SB00	2.00	5.50	40.00	11922048	12417338	12566608	
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	5.5	310.00	23879498			
CT SB00	2.00	5.60	60.00			11901744	
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			
CT SB00	2.00	6.00	35.00	12000902			
CT SB00	2.00	6.00	40.00	11942134		12056487	
CT SB00	2.00	6.00	45.00	11945441			

Conventional Style



Type, description	T [mm]	W [mm]	L [mm]	CTOPP10	CTOPP08	CTOPP10 pre-tinned	CTOPP08 pre-tinned
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		14495907	
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	24092296			
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	24299613			
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			

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