



Made for performance.

Band saw blades made in Germany.

Carbide-tipped Blades

for extreme cutting applications



Square Steel

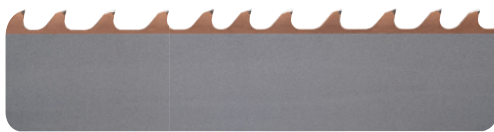
- square bar
- flat bar
- bundle single-layer

Round Steel

- round bar
- bundle single-layer

Tube

- thick-walled



CT-flex® nano coated

Features:

- Multichip® geometry
- TiAlN-coating
- heat and wear resistant cutting edge
- pre-honed tooth edges

Applications:

- stainless, acid-resistant, hardening martensitic steel
- nickel-based alloys
- ≤ 65 HRC

Work pieces:



Tooth top view:



mm	Teeth per inch (tpi)							in
	0,75/1,25	1/1,3	1,4/2	2	2/3	3	3/4	
41 x 1,30			TR	TR •	TR	TR •	TR •	1 1/2 x .050
54 x 1,60		TR •	TR	TR •	TR			2 x .063
67 x 1,60	TR •	TR •	TR					2 5/8 x .063
80 x 1,60	TR		TR •					3 1/8 x .063



CT-flex® 4000

Features:

- CT4 geometry
- excellent performance
- short cycle times
- very smooth running blade

Applications:

- extremely hard-to-cut materials
- Aluminum
- ≤ 65 HRC

Work pieces:



Tooth top view:



mm	Teeth per inch (tpi)							in
	0,75/1,25	1/1,3	1,4/2	2	2/3	3	3/4	
20 x 0,90						TR		3/4 x .035
27 x 0,90					TR	TR	TR	1 x .035
34 x 1,10				TR	TR	TR	TR	1 1/4 x .042
41 x 1,30			TR	TR	TR	TR	TR	1 1/2 x .050
54 x 1,60	TR	TR	TR	TR	TR			2 x .063
67 x 1,60	TR	TR	TR					2 5/8 x .063
80 x 1,60	TR		TR					3 1/8 x .063



CT-flex® 3000

Features:

- CT3 geometry
- excellent performance
- short cycle times
- high stability

Applications:

- hard-to-cut materials
- ≤ 65 HRC

Work pieces:



Tooth top view:



mm	Teeth per inch (tpi)							in
	0,75/1,25	1/1,3	1,4/2	2	2/3	3		
27 x 0,90					TR			1 x .035
34 x 1,10				TR	TR	TR		1 1/4 x .042
41 x 1,30			TR	TR	TR	TR		1 1/2 x .050
54 x 1,60	TR	TR	TR	TR				2 x .063
67 x 1,60	TR	TR	TR					2 5/8 x .063
80 x 1,60	TR		TR					3 1/8 x .063

• on request



CT-flex® CHM

Features:

- Multichip® geometry
- superior performance
- negative rake angle
- extreme wear resistance

Applications:

- case hardened and chrome plated materials
- ≤ 65 HRC



CT-flex® ALU XS

Features:

- Multichip® geometry
- reduced feed force
- free cutting
- resists pinching
- optimized for manual feed

Applications:

- foundry applications
- Aluminum
- Aluminum alloys
- non-ferrous metals



CT-flex® ALU XL

Features:

- Multichip® geometry
- improved chip formation
- minor material loss
- less forces

Applications:

- large plates and large blocks of Aluminum



CT-flex® Pro

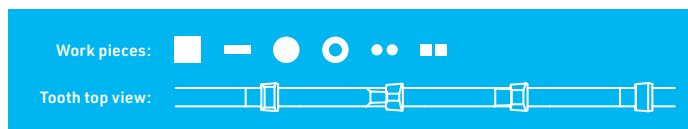
Features:

- set tooth
- unique tooth geometry
- minor vibration development

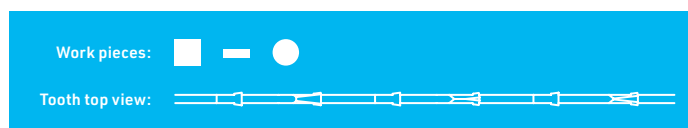
Applications:

- corrosion and acid-resistant steels
- nickel-based alloys
- ≤ 65 HRC

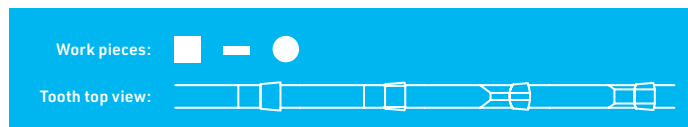
ST = set tooth



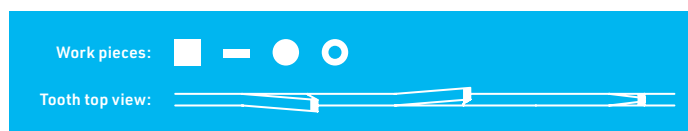
mm	Teeth per inch (tpi)						in
		3	3/4				
27 x 0,90		TR	TR				1 x .035
34 x 1,10		TR	TR				1 1/4 x .042
41 x 1,30		TR	TR				1 1/2 x .050



mm	Teeth per inch (tpi)						in
		2/3	3	3/4			
20 x 0,90			TR				3/4 x .035
27 x 0,90		TR		TR			1 x .035
34 x 1,10		TR		TR			1 1/4 x .042
41 x 1,30		TR					1 1/2 x .050



mm	Teeth per inch (tpi)						in
		0,75/1,25	1/1,3	1,4/2	2	2/3	
41 x 1,30				TR	TR	TR	1 1/2 x .050
54 x 1,60		TR	TR	TR			2 x .063
67 x 1,60		TR	TR	TR			2 5/8 x .063
80 x 1,60		TR					3 1/8 x .063



mm	Teeth per inch (tpi)						in
		1,4/2	2	2/3	3	3/4	
20 x 0,90					ST		3/4 x .035
27 x 0,90					ST	ST	1 x .035
34 x 1,10				ST		ST	1 1/4 x .042
41 x 1,30		ST	ST	ST			1 1/2 x .050
54 x 1,60		ST					2 x .063

Bimetal Blades

for high-performance cutting

Square Steel

- square bar
- flat bar
- bundle single-layer
- bundle multiple-layer

Tube

- thin-walled
- thick-walled
- bundle tubes

Round Steel

- round bar
- bundle single-layer
- bundle round bars

Profile

- beams
- special profiles



nanoflex® VTX coated

Features:

- TiAlN-coating
- special alloyed micro-resistant cutting edge
- increased tooth hardness
- variable tooth height with strong positive rake angle

Applications:

- corrosion and acid-resistant steel
- nickel-based alloys
- tempered steel
- ≤ 50 HRC



nanoflex® Black coated

Features:

- TiAlN-coating
- prehned edges
- short cycle times
- excellent wear resistance

Applications:

- universal applications
- ≤ 50 HRC



duoflex® VTX

Features:

- micro-resistant cutting edge
- increased tooth hardness
- variable tooth height with strong positive rake angle

Applications:

- corrosion and acid-resistant steel
- nickel-based alloys
- tempered steel
- ≤ 50 HRC

• from Q1/2020

Work pieces:

Tooth top view:

mm	Teeth per inch (tpi)						in
	0,65 / 0,95	0,75 / 1,25	1,1 / 1,5	1,4 / 2	2 / 3	3 / 4	
27 x 0,90						CHT	1 x .035
34 x 1,10					CHT	CHT	1 1/4 x .042
41 x 1,30				CHT	CHT	CHT	1 1/2 x .050
54 x 1,30				CHT	CHT		2 x .050
54 x 1,60			CHT •	CHT	CHT		2 x .063
67 x 1,60	CHT	CHT	CHT •	CHT			2 5/8 x .063
80 x 1,60	CHT	CHT	CHT •	CHT			3 1/8 x .063

Work pieces:

Tooth top view:

mm	Teeth per inch (tpi)						in
	0,75 / 1,25	1 / 1,3	1,4 / 2	2 / 3	3 / 4		
41 x 1,30			DCS	DCS	DCS		1 1/2 x .050
54 x 1,60		CSP	DCS	DCS	DCS		2 x .063
67 x 1,60	DCS	CSP	DCS				2 5/8 x .063
80 x 1,60	DCS	CSP	DCS				3 1/8 x .063

Work pieces:

Tooth top view:

mm	Teeth per inch (tpi)						in
	0,65 / 0,95	0,75 / 1,25	1,1 / 1,5	1,4 / 2	2 / 3	3 / 4	
27 x 0,90						CHT	1 x .035
34 x 1,10					CHT	CHT	1 1/4 x .042
41 x 1,30				CHT	CHT	CHT	1 1/2 x .050
54 x 1,30				CHT	CHT		2 x .050
54 x 1,60			CHT •	CHT	CHT		2 x .063
67 x 1,60	CHT	CHT	CHT •	CHT			2 5/8 x .063
80 x 1,60	CHT	CHT	CHT •	CHT			3 1/8 x .063



duoflex® GTX

Features:

- ground triple chip tooth geometry
- micro-resistant cutting edge
- excellent surface finish

Applications:

- large applications
- ≤ 50 HRC



duoflex® MX55

Features:

- micro-resistant cutting edge
- resistant against interrupted cuts

Applications:

- hard-to-cut materials, e.g. Duplex- and heat resistant steel
- Titanium and Titanium alloys
- Aluminum bronze
- tempered steel
- ≤ 49 HRC



duoflex® PT

Features:

- highest cutting performance in interrupted cuts
- reduced vibration
- resistant to tooth breakage

Applications:

- pipes
- tubes
- profiles
- ≤ 44 HRC



duoflex® M42

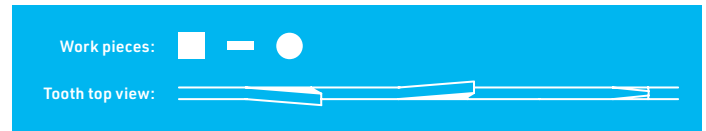
Features:

- efficient and powerful
- vibration resistant tooth edge

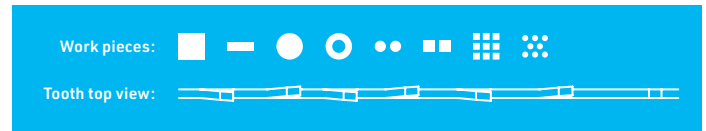
Applications:

- universal applications
- ≤ 44 HRC

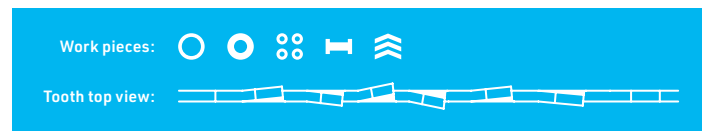
mm	Teeth per inch (tpi)															in
	3	4	6	8	10	14	0,75/ 1,25	1,4/2	2/3	3/4	4/6	5/8	6/10	8/12	10/14	
6 x 0,90		CW	CW		N	N									N	1/4 x .035
10 x 0,90		CW	CW		N	N									N	3/8 x .035
13 x 0,65		CW	CW		N	N							N	N	N	1/2 x .025
13 x 0,90	CW	CW	CW	N	N	N							N	N	N	1/2 x .035
20 x 0,90					N	N					N/CS	N	N	N	N	3/4 x .035
27 x 0,90	DCS	CS	N						DCS	N/DCS	N/CS/ DCS	N/CS	N	N	N	1 x .035
34 x 1,10			CS						DCS	N/DCS	N/CS	N	N	N		1 1/4 x .042
41 x 1,30			CS					DCS	DCS	DCS	N/CS	N				1 1/2 x .050
54 x 1,30									DCS	DCS	CS					2 x .050
54 x 1,60							DCS	DCS	DCS	DCS	CS					2 x .063
67 x 1,60							DCS	DCS	DCS	DCS						2 5/8 x .063
80 x 1,60							DCS	DCS								3 1/8 x .063



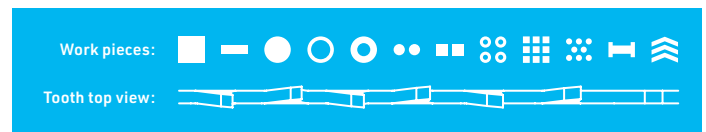
mm	Teeth per inch (tpi)						in
	0,75/1,25	1/1,3	1,4/2				
54 x 1,60	DCS	CSP	DCS				2 x .063
67 x 1,60	DCS	CSP	DCS				2 5/8 x .063
80 x 1,60	DCS	CSP	DCS				3 1/8 x .063



mm	Teeth per inch (tpi)						in
	0,75/1,25	1/1,3	1,4/2	2/3	3/4	4/6	
27 x 0,90				DCS	DCS	CS	1 x .035
34 x 1,10				DCS	DCS	CS	1 1/4 x .042
41 x 1,30				DCS	DCS		1 1/2 x .050
54 x 1,60		CSP	DCS	DCS			2 x .063
67 x 1,60	DCS	CSP	DCS	DCS			2 5/8 x .063
80 x 1,60	DCS	CSP	DCS				3 1/8 x .063

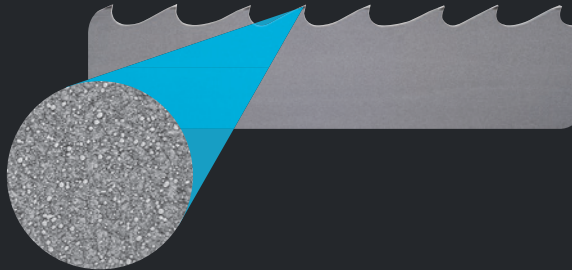


mm	Teeth per inch (tpi)					in
	2/3	3/4	4/6	5/8	8/12	
20 x 0,90					CST	3/4 x .035
27 x 0,90	CST	CST	CST	CST	CST	1 x .035
34 x 1,10	CST	CST	CST	CST		1 1/4 x .042
41 x 1,30	CST	CST	CST	CST		1 1/2 x .050
54 x 1,60	CST	CST	CST			2 x .063
67 x 1,60	CST	CST				2 5/8 x .063



Experience more performance and precision with the X-Series

Nano-crystalline structure
Eberle X-Series



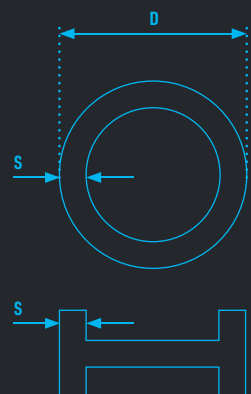
- constant hardness and toughness values
- micro-resistant, stable cutting edge
- top cutting accuracy
- reduced machine load
- greatly extended blade life

Cutting Recommendations

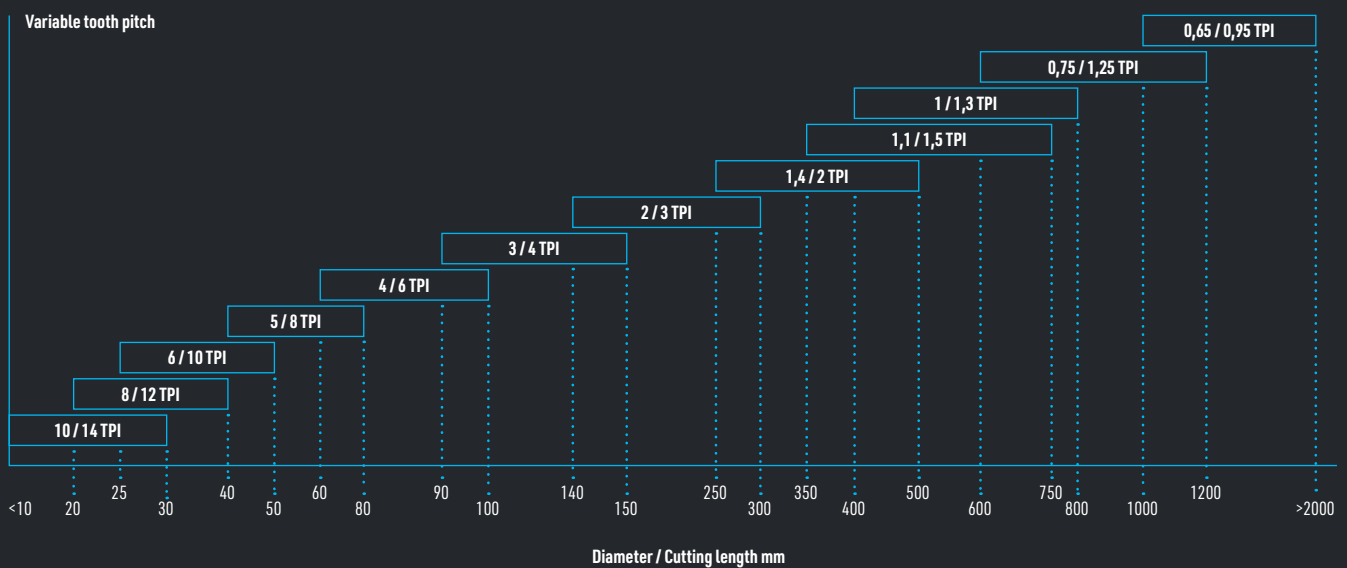
Find the right saw blade for your individual application

Cutting recommendations for tubes and profiles

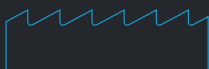
D mm	20	40	60	80	100	150	200	300	400	500	>700
S mm	teeth per inch (tpi)										
2	14	14	14	14	10/14	10/14	10/14	10/14	8/12	8/12	6/10
3	14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	6/10	6/10	6/10
4	14	10/14	10/14	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6
5	14	10/14	10/14	8/12	6/10	6/10	5/8	4/6	4/6	4/6	4/6
6	14	10/14	8/12	8/12	6/10	5/8	5/8	4/6	4/6	4/6	4/6
8	14	8/12	6/10	6/10	6/10	5/8	5/8	4/6	4/6	4/6	4/6
10		6/10	6/10	5/8	5/8	4/6	4/6	4/6	4/6	3/4	3/4
12		6/10	5/8	4/6	4/6	4/6	4/6	3/4	3/4	3/4	3/4
15				4/6	4/6	3/4	3/4	3/4	3/4	2/3	2/3
20				4/6	4/6	3/4	3/4	3/4	3/4	2/3	2/3
30				3/4	3/4	3/4	2/3	2/3	2/3	2/3	1,4/2
50						2/3	2/3	2/3	2/3	1,4/2	1,4/2
80							2/3	1,4/2	1,4/2	1,4/2	1/1,3
100								1,4/2	1,4/2	1/1,3	0,75/1,25
150										0,75/1,25	0,75/1,25
>250										0,75/1,25	0,75/1,25



Cutting recommendations for solid material



Tooth forms



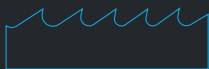
N-TOOTH | neutral rake angle

- short-chip materials
- small work pieces



CST-TOOTH | positive rake angle

- short-chip materials
- profiles, tubes, bundles



CS-TOOTH | positive rake angle

- long-chip, tough materials
- universal application



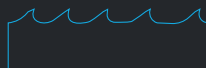
CW-TOOTH | positive rake angle

- low-alloy materials, Aluminum
- mold construction, contours



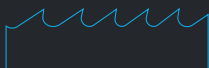
DCS-TOOTH | positive rake angle

- heavy duty, high alloyed work pieces
- large cross-sections



CHT-TOOTH | variable, extremely positive rake angle

- hard-to-cut materials
- heat-treated steels
- large to very large work pieces



CSP-TOOTH | positive rake angle

- austenitic materials
- nickel-based alloys



TR-TOOTH | variable rake angle

- heavy duty work pieces
- high cutting performance

Made for your satisfaction.

Put your trust in our experience

Our international distribution network is based on longstanding partnerships with top-notch sawing specialists who help solve your specific questions regarding various applications.

To place an order, please contact either your regional Eberle Exclusive Agent (EEA), local distributor, the Eberle branch responsible for you or get in touch with our headquarter in Augsburg.

Current trade shows

See our trade show schedule directly linked to the event and to Google maps on our website: www.eberle-augsburg.com

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Technical advice

Should you have any questions about band saw applications or ways to optimize sawing processes, Eberle's expert team will provide competent support.

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E-Mail: support@eberle-augsburg.de

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