



Eberle 08.24

1836.01

Made for performance.

Band saw blades made in Germany.

Carbide-tipped Blades

for extreme cutting applications



Square Steel

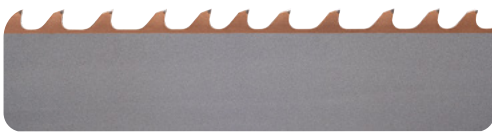
- square bar
- flat bar
- bundle single-layer

Round Steel

- round bar
- bundle single-layer

Tube

- thick-walled



CT-flex® nano coated

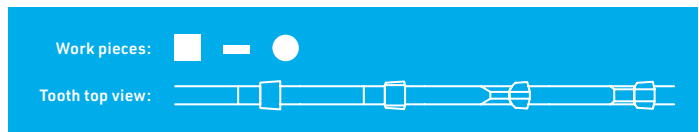
Features:

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

*on request

Applications:

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



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



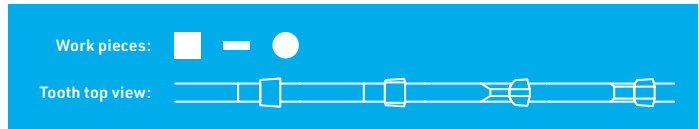
CT-flex® 4000

Features:

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

Applications:

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



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



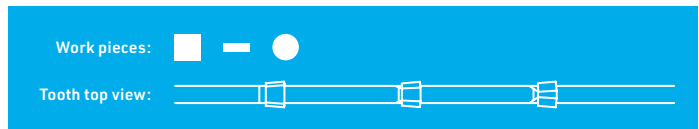
CT-flex® 3000

Features:

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

Applications:

- hard-to-cut materials
- ≤ 65 HRC



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



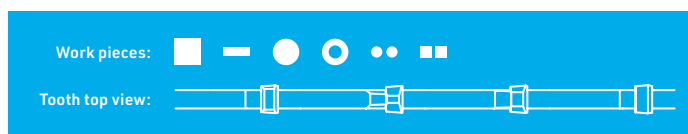
CT-flex® CHM

Features:

- negative rake angle
- superior performance
- extreme wear resistance

Applications:

- case hardened and chrome plated materials
- ≤ 65 HRC



mm	Teeth per inch (tpi)						in
	0,75/1,25	1,3	1,4/2	2/3	3/4	3	
27 × 0,90						TRN	1 × .035
34 × 1,10						TRN	1 1/4 × .042
41 × 1,30						TRN	1 1/2 × .050



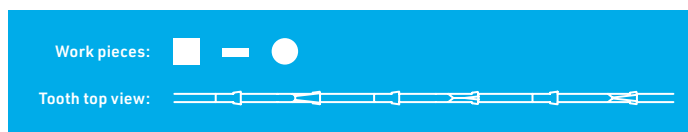
CT-flex® ALU

Features:

- reduced feed force
- free cutting
- optimized for manual feed
- minor material loss and improved chip formation due to reduced kerf width of 2,00 mm

Applications:

- Aluminum and Aluminum alloys
- large plates and large blocks of Aluminum
- foundry applications
- non-ferrous metals



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

*optional kerf width of 2,00 mm or 2,50 mm



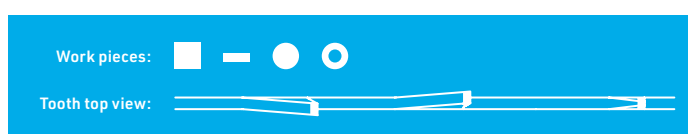
CT-flex® Pro

Features:

- set tooth
- minor vibration development

Applications:

- corrosion and acid-resistant steels
- ≤ 65 HRC



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

ST = set tooth

Bimetal Blades

for high-performance cutting

Square Steel

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

Round Steel

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

Tube

- thin-walled
- thick-walled
- bundle tubes

Profile

- beams
- special profiles



nanoflex[®] VTX coated

Features:

- TiAlN-coating
- strong positive rake angle
- special alloyed microresistant cutting edge
- variable tooth height

Applications:

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

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 × 0,90						CHT	1 × .035
34 × 1,10					CHT	CHT	1 1/4 × .042
41 × 1,30					CHT	CHT	1 1/2 × .050
54 × 1,30					CHT	CHT	2 × .050
54 × 1,60			CHT	CHT	CHT		2 × .063
67 × 1,60	CHT	CHT	CHT	CHT			2 5/8 × .063
80 × 1,60	CHT	CHT	CHT	CHT			3 1/8 × .063



nanoflex[®] Black coated

Features:

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

Applications:

- universal applications
- ≤ 50 HRC

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 × 1,30			DCS	DCS	DCS		1 1/2 × .050
54 × 1,60			CSP	DCS	DCS		2 × .063
67 × 1,60	DCS	CSP	DCS				2 5/8 × .063
80 × 1,60	DCS	CSP	DCS				3 1/8 × .063



NEW TPI
27' 2/3

duoflex[®] VTX

Features:

- variable, positive tooth geometry
- enhanced chip division
- increased precision and stability
- micro-wear resistant cutting edge

Applications:

- large to very large work pieces
- corrosion and acid resistant steels
- heat-treated steels
- nickel-based alloys

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 × 0,90					CHT	CHT	1 × .035
34 × 1,10					CHT	CHT	1 1/4 × .042
41 × 1,30					CHT	CHT	1 1/2 × .050
54 × 1,30					CHT	CHT	2 × .050
54 × 1,60			CHT	CHT	CHT		2 × .063
67 × 1,60	CHT	CHT	CHT	CHT			2 5/8 × .063
80 × 1,60	CHT	CHT	CHT	CHT			3 1/8 × .063



duoflex[®] VTX



duoflex® PT Plus

Features:

- aggressive and stable cutting edge
- impressive performance
- increased chip space volume for solid materials
- chip former for optimal chip flow

Applications:

- pipes
- profiles
- solid materials
- bundle cuts
- ≤ 44 HRC

*optional: nanoflex® PT Plus coated



duoflex® PT Plus



duoflex® PT

Features:

- highest cutting performance in interrupted cuts
- reduced vibration

Applications:

- pipes
- tubes
- profiles
- ≤ 44 HRC



duoflex® M42

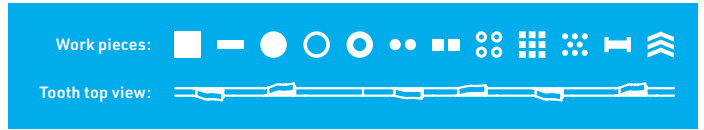
Features:

- efficient and powerful
- vibration resistant tooth edge

Applications:

- universal applications
- ≤ 44 HRC

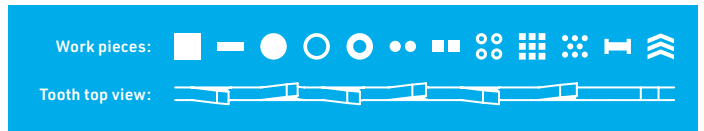
mm	Teeth per inch (tpi)															in	
	3	4	6	8	10	14	0,75/ 1,25	1,4/2	2/3	3/4	4/6	5/8	6/10	8/12	10/14		14/18
6 × 0,90		CW	CW		N	N									N		1/4 × .035
10 × 0,90		CW	CW		N	N									N		3/8 × .035
13 × 0,65		CW	CW		N	N							N	N	N	N	1/2 × .025
13 × 0,90	CW	CW	CW	N	N	N							N	N	N		1/2 × .035
20 × 0,90					N	N					CS	N	N	N	N	N	3/4 × .035
27 × 0,90	DCS	CS	N						DCS	DCS	CS/DCS	N/CS	N	N	N		1 × .035
34 × 1,10								DCS	DCS	DCS	CS	N	N	N			1 1/4 × .042
41 × 1,30								DCS	DCS	DCS	CS	N					1 1/2 × .050
54 × 1,30								DCS	DCS	DCS	CS						2 × .050
54 × 1,60							DCS	DCS	DCS	DCS	CS						2 × .063
67 × 1,60							DCS	DCS	DCS	DCS							2 5/8 × .063
80 × 1,60							DCS	DCS									3 1/8 × .063



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



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

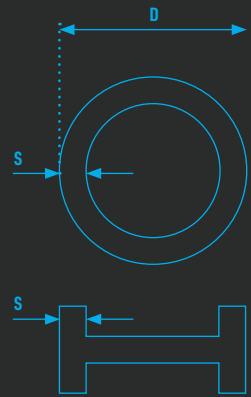


Cutting Recommendations

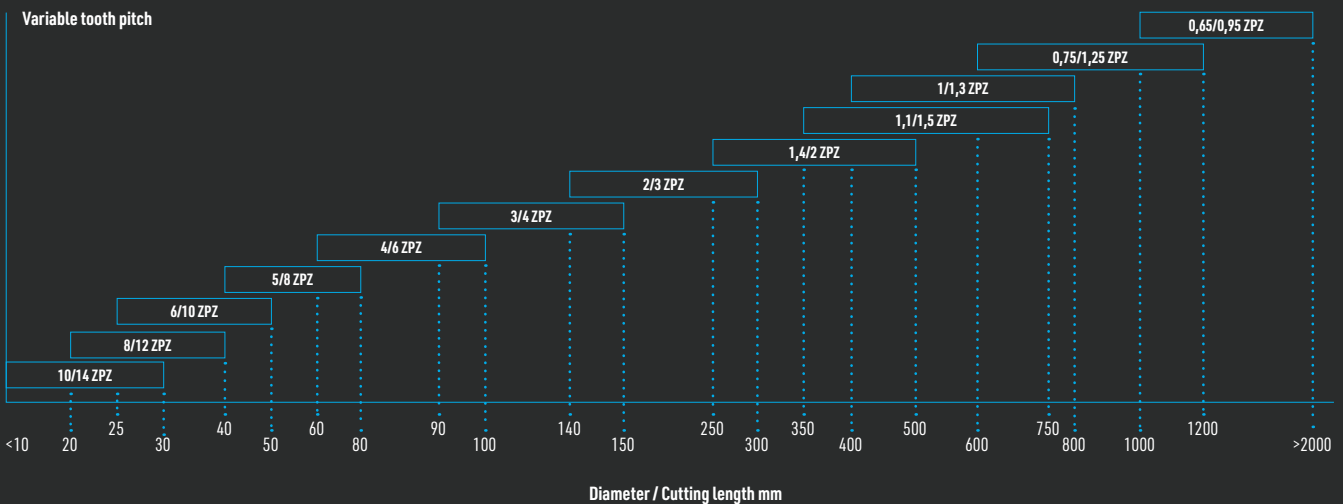
Find the right saw blade for your individual application

Cutting recommendations for tubes and profiles

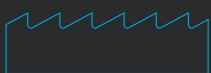
D mm	20	40	60	80	100	150	200	300	400	500	>700
S mm	Denti per pollice										
2	14	14	14	14	10/14	10/14	10/14	10/14	8/12	8/12	6/10
3	14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	6/10	6/10	6/10
4	14	10/14	10/14	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6
5	14	10/14	10/14	8/12	6/10	6/10	5/8	4/6	4/6	4/6	4/6
6	14	10/14	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	2/3	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



CS-TOOTH | positive rake angle

- long-chip, tough materials
- universal application



DCS-TOOTH | positive rake angle

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



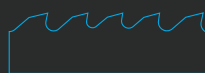
CSP-TOOTH | positive rake angle

- austenitic materials
- nickel-based alloys



CPS-TOOTH | positive rake angle

- short- and long chip materials
- profiles, pipes, solid materials
- single, bundle and layer cutting



CST-TOOTH | positive rake angle

- short-chip materials
- profiles, tubes, bundles



CW-TOOTH | positive rake angle

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



CHT-TOOTH | variable, extremely positive rake angle

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



TR-TOOTH | variable rake angle

- heavy duty work pieces
- high cutting performance

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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.

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We look forward to your call.



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