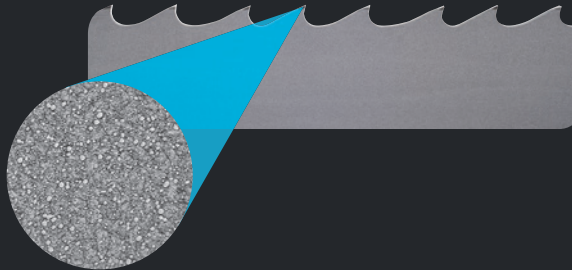


Experience more performance and precision with the X-Series

Nano-crystalline structure
Eberle X-Series



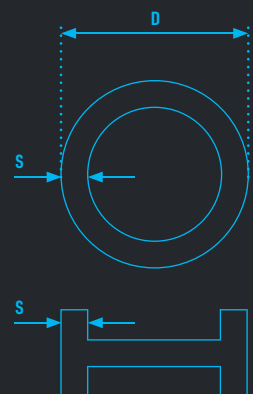
- constant hardness and toughness values
- micro-resistant, stable cutting edge
- top cutting accuracy
- reduced machine load
- greatly extended blade life

Cutting Recommendations

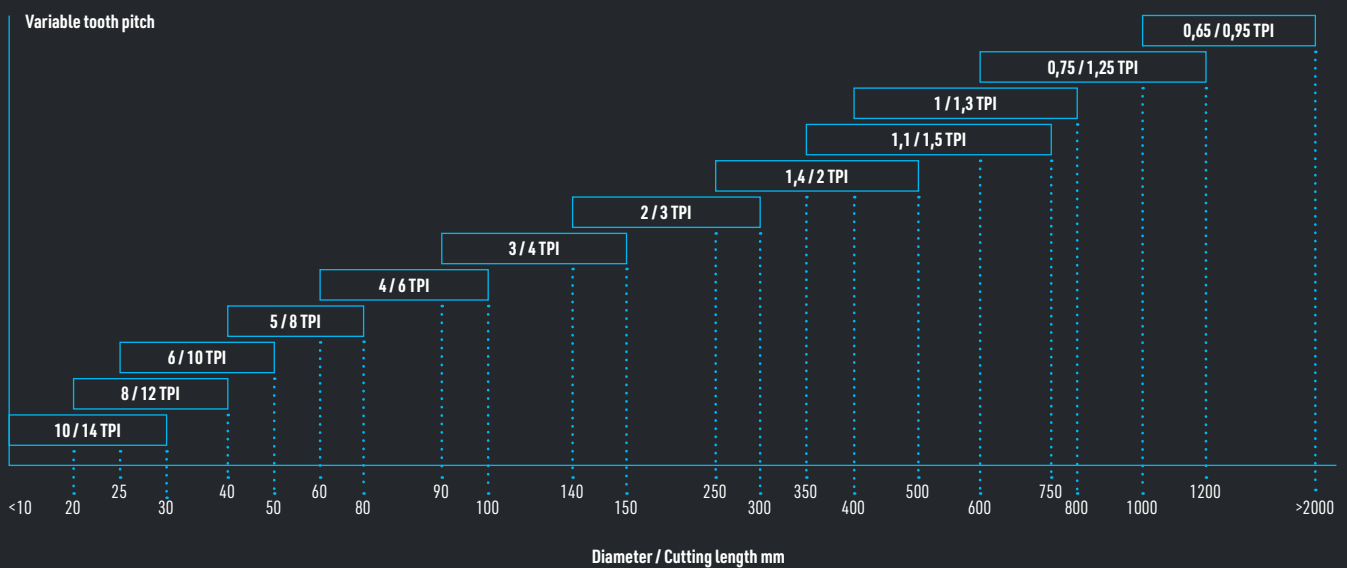
Find the right saw blade for your individual application

Cutting recommendations for tubes and profiles

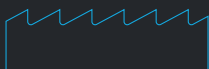
D mm	20	40	60	80	100	150	200	300	400	500	>700
S mm	teeth per inch (tpi)										
2	14	14	14	14	10/14	10/14	10/14	10/14	8/12	8/12	6/10
3	14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	6/10	6/10	6/10
4	14	10/14	10/14	8/12	8/12	6/10	6/10	5/8	5/8	4/6	4/6
5	14	10/14	10/14	8/12	6/10	6/10	5/8	4/6	4/6	4/6	4/6
6	14	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

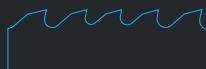


Tooth forms



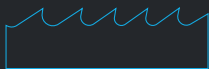
N-TOOTH | neutral rake angle

- 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



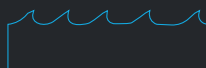
CW-TOOTH | positive rake angle

- 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