Eberle

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

Work pieces:

Tooth top view:

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

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

Work pieces:

Tooth top view:

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

CT-flex® ALU XL

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

Applications:
- large plates and large blocks of Aluminum

Work pieces:

Tooth top view:

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

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

Work pieces:

Tooth top view:

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