

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
- 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
- prehoned 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	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

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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	CHT		2 x .050
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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

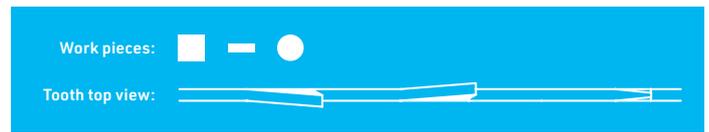
Features:

- efficient and powerful
- vibration resistant tooth edge

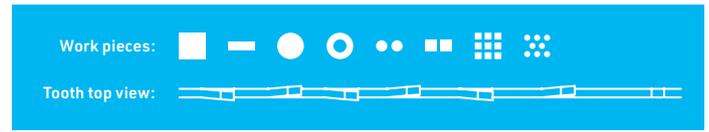
Applications:

- universal applications
- ≤ 44 HRC

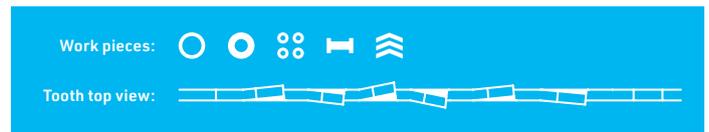
mm	Teeth per inch (tpi)												in				
	3	4	6	8	10	14	0,75/1,25	1,4/2	2/3	3/4	4/6	5/8		6/10	8/12	10/14	
6 x 0,90		CW	CW			N	N									N	1/4 x .035
10 x 0,90		CW	CW			N	N										3/8 x .035
13 x 0,65		CW	CW			N	N						N	N	N		1/2 x .025
13 x 0,90	CW	CW	CW	N	N	N							N	N	N		1/2 x .035
20 x 0,90						N	N						N	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
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