



PROFLEX[®] M42 / PROFLEX[®] SW M42

THE PERFECT BAND SAW BLADE FOR PROFILES

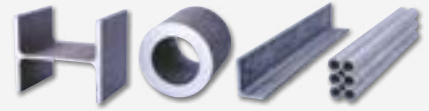


NEW!

- durable and resistant
- less finishing thanks to low-burr cutting edges

PROFLEX® M42 / PROFLEX® SW M42 

The perfect band saw blade for profiles



WIKUS continues to sharpen its profile with the new PROFLEX® M42 bimetal band saw blade for processing profiles and girders. Thanks to the special profile tooth and also the extended connection of cutting material and carrier band, the PROFLEX® M42 is extremely sturdy.

The innovative production procedure not only extends the service life of the carrier band, it also reduces the risk of a broken band. The superfinishing on the cutting edge of the teeth and the chip space enhances performance, reduces noise emission and the formation of burr, and also improves the cutting surface.

ADVANTAGES AT A GLANCE

resistant to broken teeth
thanks to extremely sturdy tooth contour



less finishing
thanks to low-burr cutting edges



less susceptible to vibration
thanks to special tooth form



less broken bands
thanks to new production procedure



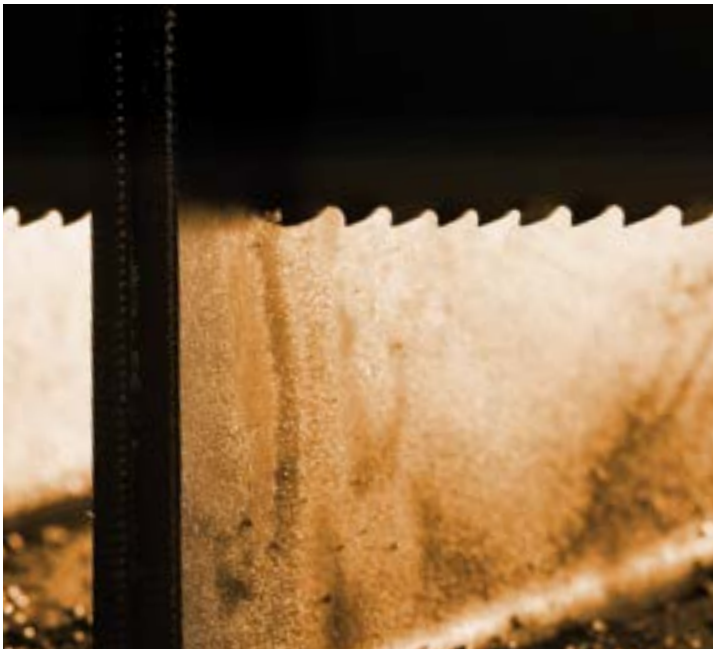
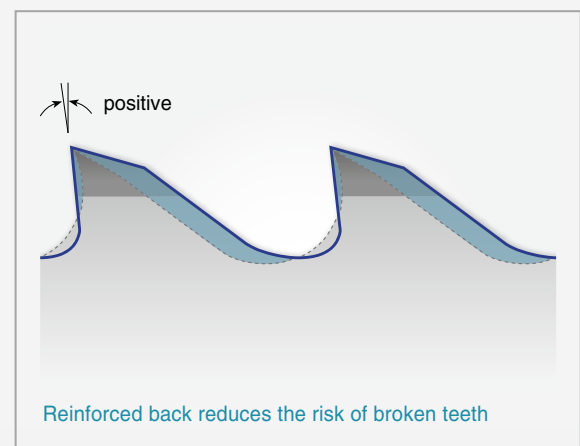
low noise emission
thanks to variable tooth pitch and positive rake angle

APPLICATION

- profiles and girders, for metal and steel construction
- optimal for cutting with interrupted cutting channel

FEATURES

- extremely sturdy tooth contour
- variable tooth pitch
- specific step set
- M42 tooth edge with positive rake angle

**Profile tooth**

PROFLEX® M42

Dimensions Width x Thickness mm Inch		Tooth pitch in tpi					
		12-16	8-11	5-7	4-6	3-4	2-3
20 x 0,90	3/4 x 0,035	P	P	P			
27 x 0,90	1-1/16 x 0,035	P	P	P	P		
34 x 1,10	1-3/8 x 0,042		P	P	P	P	
41 x 1,30	1-5/8 x 0,050		P	P	P	P	P
54 x 1,30	2-1/8 x 0,050			P	P	P	P
54 x 1,60	2-1/8 x 0,063			P	P	P	P
67 x 1,60	2-5/8 x 0,063					P	P
Contact length (mm)		< 20	10-50	40-70	50-90	80-160	150-310

PROFLEX® SW M42

Special design for profiles made of residual stress material

like PROFLEX® M42, plus:

- Advantages:**
 - no jamming in the cutting channel
- Application:**
 - profiles and girders with residual stress
- Features:**
 - extra wide step set

Dimensions Width x Thickness mm Inch		Tooth pitch in tpi					
		12-16	8-11	5-7	4-6	3-4	2-3
34 x 1,10	1-3/8 x 0,042					P	P
41 x 1,30	1-5/8 x 0,050					P	P
54 x 1,30	2-1/8 x 0,050					P	
54 x 1,60	2-1/8 x 0,063					P	P
67 x 1,60	2-5/8 x 0,063					P	P
Contact length (mm)		< 20	10-50	40-70	50-90	80-160	150-310

The [current availabilities](#) of the new PROFLEX® M42 are [highlighted in colour](#), data as at, 1st April 2018. All the other dimensions will gradually be changed to the optimised version.

New: QR code for ParaMaster® APP

When scanning the QR code on the blade with the ParaMaster® APP, the blade data are transmitted automatically.

P = Profile tooth, Photo below: PROFLEX® M42





**NEW:
ParaMaster® APP**



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Innovative precision tools
designed and manufactured
in Spangenberg, Germany

