

A NEW GENERATION PROFILE- CUTTING BLADE



M42 POWERMAX PRO™



Product Description

Unique design

The M42 PowerMax Pro™ blade, developed by Håkansson Sågblad specialists, features a strong tooth with an enhanced profile to boost performance

The blade is made from HSS M42 Swedish steel, making it strong, shock-resistant, and durable. It reduces vibration, noise, and tooth breakage, ensuring a long service life.

Trusted by professionals, this premium blade offers efficiency, reliability, and strength.

Technical Features

- Perfect for thick web H beams, thick web angles, seamless thick-walled tubes, thick flanges cutting
- Bundle cutting depends on application and thickness
- Variable setting height ensures smooth cutting less noise and vibration
- Extra Heavy Set available on request
- Shock resistant – reduces vibration, noise level and tooth breakage

Applications & Benefits

- Increased kerf (Extra Heavy Set on demand) to avoid pinching and jamming while sawing
- Reinforced back of teeth
- Quiet cutting
- Break-resistant teeth even in extreme cutting conditions
- Long life
- Smooth finish
- Ideal for:
 - Large and medium H/I beams
 - Structural steel
 - Bundle or single cuts
 - Miter & Extra-large beam cuts

Available sizes & TPI

Widths (mm): 34 x 1.1, 41 x 1.3, 54 x 1.6, 67 x 1.6
Teeth per inch (TPI): 2/3, 3/4, 4/6

Craftsmanship & Quality

Crafted in Sweden using only Western European raw materials. Trusted by professionals across industries for durability, reliability, and premium performance.

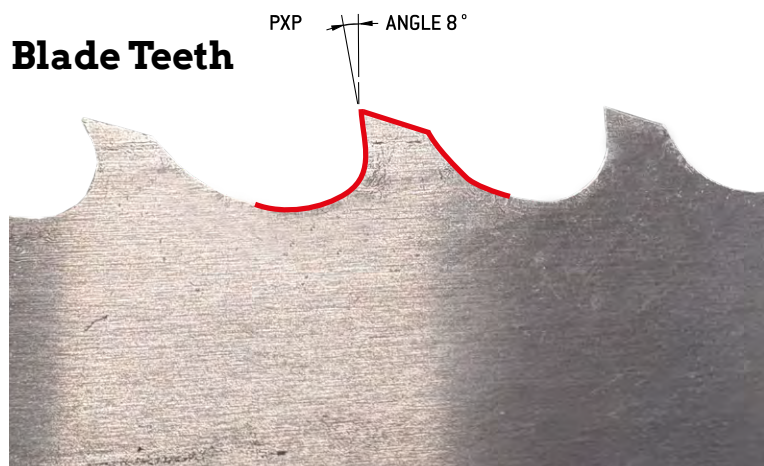
Technical Specifications

Setting Patterns & Tooth Design

The Powermax Pro™ features a reinforced PXP tooth profile with variable setting height. This unique geometry improves chip flow and performance on welded seams, reducing vibration and noise while increasing blade longevity.

- Tooth set: AR (Alternate Right/Left)
- Profile: PXP
- Setting height: Medium or EHS (Extra Heavy Set)
- Kerf: Wider than standard for improved cut-through on welded profiles

Blade Teeth



Recommended Applications

Application type	Typical materials
Structural beam cutting	Thick H and I beams, angles, flanges
Pipe cutting	Seamless thick-walled tubes
Bundle cutting	One or multiple layers of profiles or tubes
Large format cutting	Mitered beams and industrial fabrication

Materials It Cuts

Powermax Pro performs exceptionally on:

- Alloy steels (C < 1.5%)
- Tool steels (e.g. 1.3965)
- Stainless steels 304, 316, Duplex (1.4462 / 2205)

Specifications

		Teeth/inch			
		2/3 TPI	3/4 TPI	4/6 TPI	
Width (mm)	34 x 1.1	○	○	○	1 1/4 x .042
	41 x 1.3	○	○	○	1 1/2 x .050
	54 x 1.6	○	○	○	2 x .063
	67 x 1.6	○	○	○	2 5/8 x .063

Inch equiv.

○ = Standard product

● = Special order (MOQ may apply)

Also available in:

- PM51 for higher wear resistance and performance