



CASE STUDY

QSAW Q201™ HARD BACK CARBON BLADE FOR MULTI-MATERIAL CUTTING

THE CHALLENGE

A local fabrication shop contacted us in search of a more durable and cost-effective solution for cutting mild steel, aluminum, and wood. They were using general-purpose blades but struggled with fast dulling and blade deflection, especially when making straight cuts on horizontal band saws.

They needed a blade that could hold up under heavier feed pressure while still providing accurate results—without driving up their operating costs.

OUR SOLUTION

We recommended the Qsaw Q201™ Hard Back Carbon Band Saw Blade. Built from a single piece of high-carbon steel, this blade features individually hardened tooth tips and a spring-tempered back, resulting in improved rigidity and cutting accuracy.

Available in a wide range of widths and tooth pitches, the Q201™ is custom welded to fit most band saws. Coarser pitches from 2–6 TPI are great for resawing and ripping wood, while finer pitches from 8–24 TPI are ideal for cutting mild steel, nonferrous metals, and plastic with precision and speed.

YOUR ADVANTAGE

The Q201™ blade is designed for both industrial and home workshop use. Its spring-tempered back increases rigidity for straighter cuts, and the hardened teeth maintain a sharp edge even under heavy use.

This combination allows for faster cutting speeds, cleaner finishes, and reduced deflection—especially on vertical contour saws or horizontal cutoff machines. The precision tooth set ensures excellent chip evacuation, reducing heat and extending blade life.

THE WIN

After switching to the Qsaw Q201™, the fabrication shop saw immediate improvements. Cuts were cleaner, the blades lasted longer, and performance was more consistent across different materials. They reported better results cutting aluminum tubing, flat bar stock, and even composite board—using the same blade.

The reduced downtime and replacement frequency helped lower overall costs, while the improved rigidity made straight cuts easier to maintain. The shop now uses the Q201™ on both Delta and Trajan band saws for daily operations, making it their go-to

If you need an economical, heavy-duty band saw blade for wood, plastic, or mild steel applications, the Qsaw Q201™ Hard Back Carbon Band Saw Blade is a proven choice for reliability, performance, and value.



Sawblade.com
9502 E Hardy Road
Houston, TX 77093
800.754.6920
support@sawblade.com