Bowl Form Cutting Blade

This bowl form blade utilizes a new electrical heating process to inlay alloy steel, refining the metal crystal structure for a tougher cutting edge. The design eliminates transition layers and spaces within the inlay.

Product Overview

Precision Bowl Form Cutting Blade

This bowl form cutting blade is engineered for high-performance industrial cutting applications. Utilizing an advanced electrical heating inlay process, the alloy steel structure achieves a finer crystalline grain, resulting in a tougher, more durable cutting edge. The seamless integration between the inlayed alloy and the knife body eliminates transition layers, ensuring extended operational life and consistent performance across metals, plastics, and composites.

Technical Features

Design Advantages

- Finer metal crystal structure
- Enhanced edge toughness
- Seamless inlay-to-body transition
- Zero transition layer separation

Manufacturing Technology	Electrical heating alloy steel inlay process

Application & Compatibility

Equipment Compatibility

Machining Centers • Lathes • Industrial Cutting Equipment

Suitable Materials	Metals, Plastics, Composites

Design Specifications

Blade Geometry	Circular bowl form with central aperture
Mounting Configuration	Evenly spaced mounting holes for secure attachment

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