

Kuris Comagrav Valiani Digital Flatbed Cutters Tungsten Carbide Replacement Cutting Blade Parts Overview

Tungsten carbide replacement cutting blades for Kuris Comagrav and Valiani digital flatbed cutters and CNC finishing tables are designed



Shenzhen, Guangdong Sep 23, 2026 (Issuewire.com) - [Tungsten carbide \(TC\) replacement cutting blades](#) for Kuris, Comagrav, and Valiani digital flatbed cutters provide extreme durability, wear resistance, and precision engineering. These industrial blade replacements are tailored to specific tool heads—such as oscillating, drag, tangential, and rotary configurations—to clean-cut everything from

technical textiles to heavy corrugated board.

1. [Kuris Compatible Blades](#)

Round-shank tungsten carbide replacement blades for Kuris flatbed digital cutting systems:

- 73356 – Round Shank Shaft Oscillating Knife Blade
- 73357 – Round Shank Shaft Oscillating Knife Blade
- 78558 – Single-Edge Round Shank Shaft Blade
- 81209 – Round Shank Shaft Knife Blade

2. [Comagrav Compatible Blades](#)

Solid tungsten carbide (tungsten steel) oscillating and drag knife blades for Comagrav CNC routers, digital flatbed cutters, and plotters:

- ONF Series (Oscillating / Center-Vibrating):
 - ONF10 (Item 43291) – Double-edged center-vibrating blade
 - ONF15 (Item CE7275) – Oscillating cutting tool blade
 - ONF20 (Item CE140394) – Oscillating cutter blade
 - ONF30 (Item 47076) – Oscillating cutter blade
 - ONF35 (Item CE142568) – Oscillating cutter blade
 - ONF40 – Pneumatic/electric oscillating knife blade
 - ONF60 – Oscillating cutter blade
- ONK Series:
 - ONK6 (Item 47497 CV2034-2005) – Carbide oscillating blade
 - ONK15 (Item 47499 CV2034-2006) – Oscillating drag blade
 - ONK25 (Item 46042 CV2034-2007) – Oscillating knife blade
 - ONK50 (Item 46044) – Hard metal blade
 - ONK110 (Item 142569) – Replacement oscillating cutter blade

3. [Valiani Compatible Blades](#)

Vibrating and oscillating carbide blades (Ø 6mm round shank) for Valiani digital flatbed plotters:

- 001897 (TC-25) – Carbide vibrating blade
- 001898 (TC-15) – Carbide vibrating blade
- 001899 (TC-10) – Ø 6mm round-shank oscillating blade
- 001952 (TC-5) – Ø 6mm round-shank knife blade
- 002156 (T16) – Oscillating knife blade

Core Operational Best Practices:

1. **Avoid Excess Blade Exposure:** Always use the shortest possible blade that can entirely pierce your substrate (e.g., use a TC-5 instead of a TC-25 on a 3mm board). Excess exposed carbide experiences immense lateral forces, which leads to immediate tip shattering.
2. **Locking Pin Alignment:** Ensure that the flat Weldon notch on the shank lines up flush with the internal locking set-screws inside the cutter head chuck before tightening. Misalignment causes tracking errors and poor edge quality.

Maintenance & Best Practices:

Depth Calibration (Zeroing): Ensure automatic or manual tool depth sensing is zeroed accurately to avoid striking the underlying conveyor belt or acrylic vacuum bed.

Frequency & Speed Matching: Match stroke amplitude and RPM to material density—excessive oscillation frequency on thick dense rubber can heat the carbide blade prematurely.

Storage & Handling: Carbide is extremely brittle; store individual replacement blades in dedicated plastic protection cases to avoid micro-chipping the cutting edge prior to installation.

For more information about Shenzhen Oyea Machinery, please visit the company's official website: [[link here](#)].

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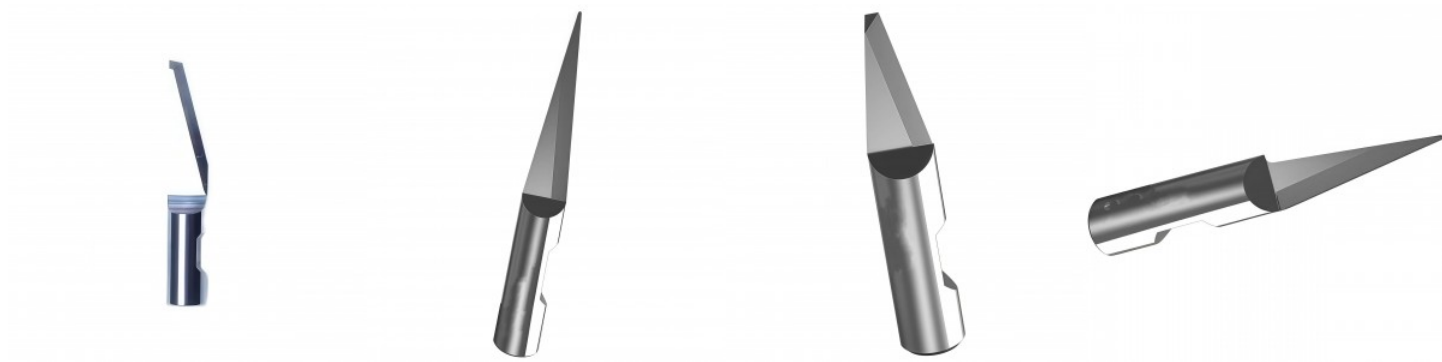
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