

FLEXPRO SWORD CRAZE (Square Head Nano Technology Series)

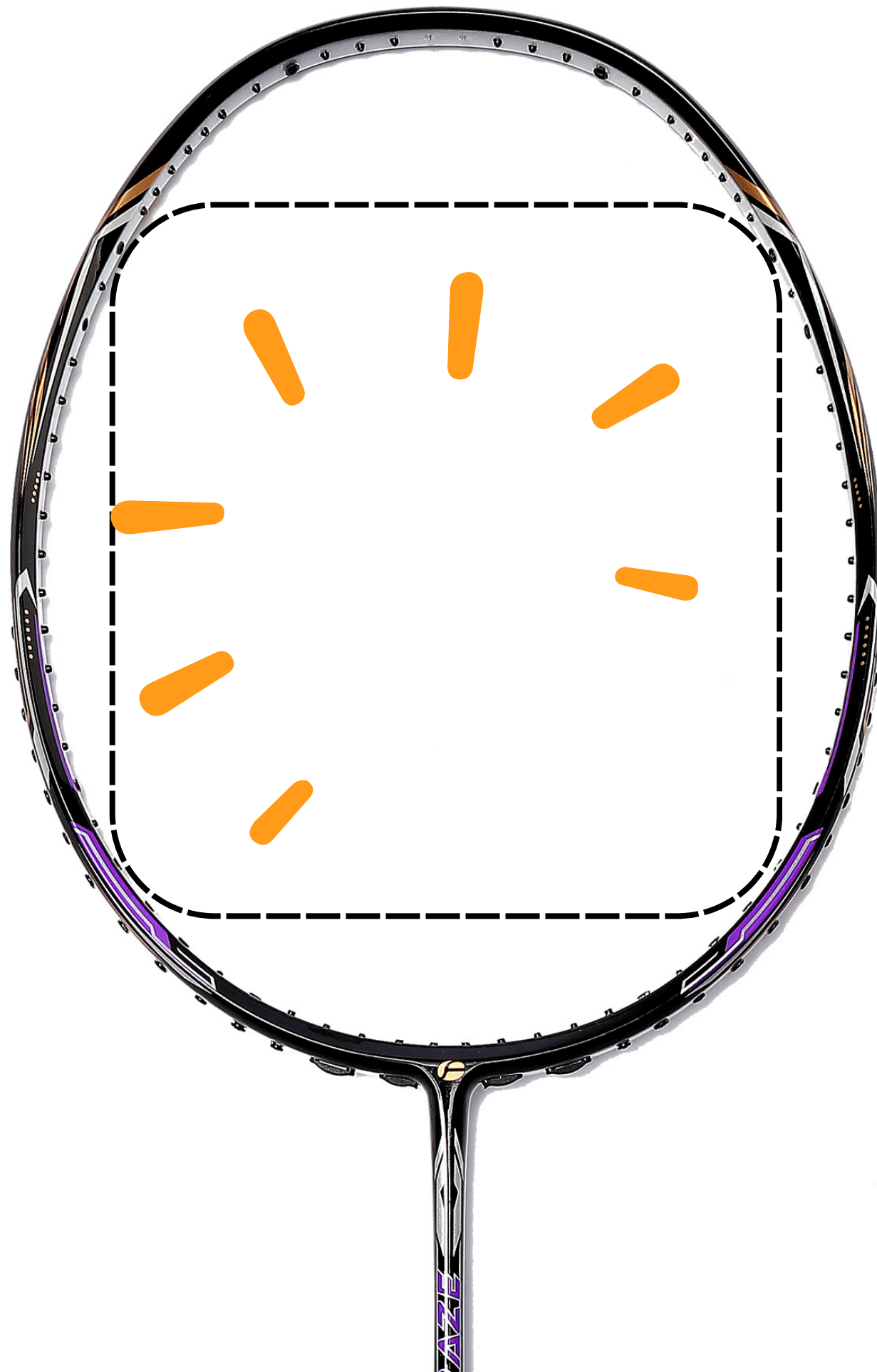








Racquet Technology

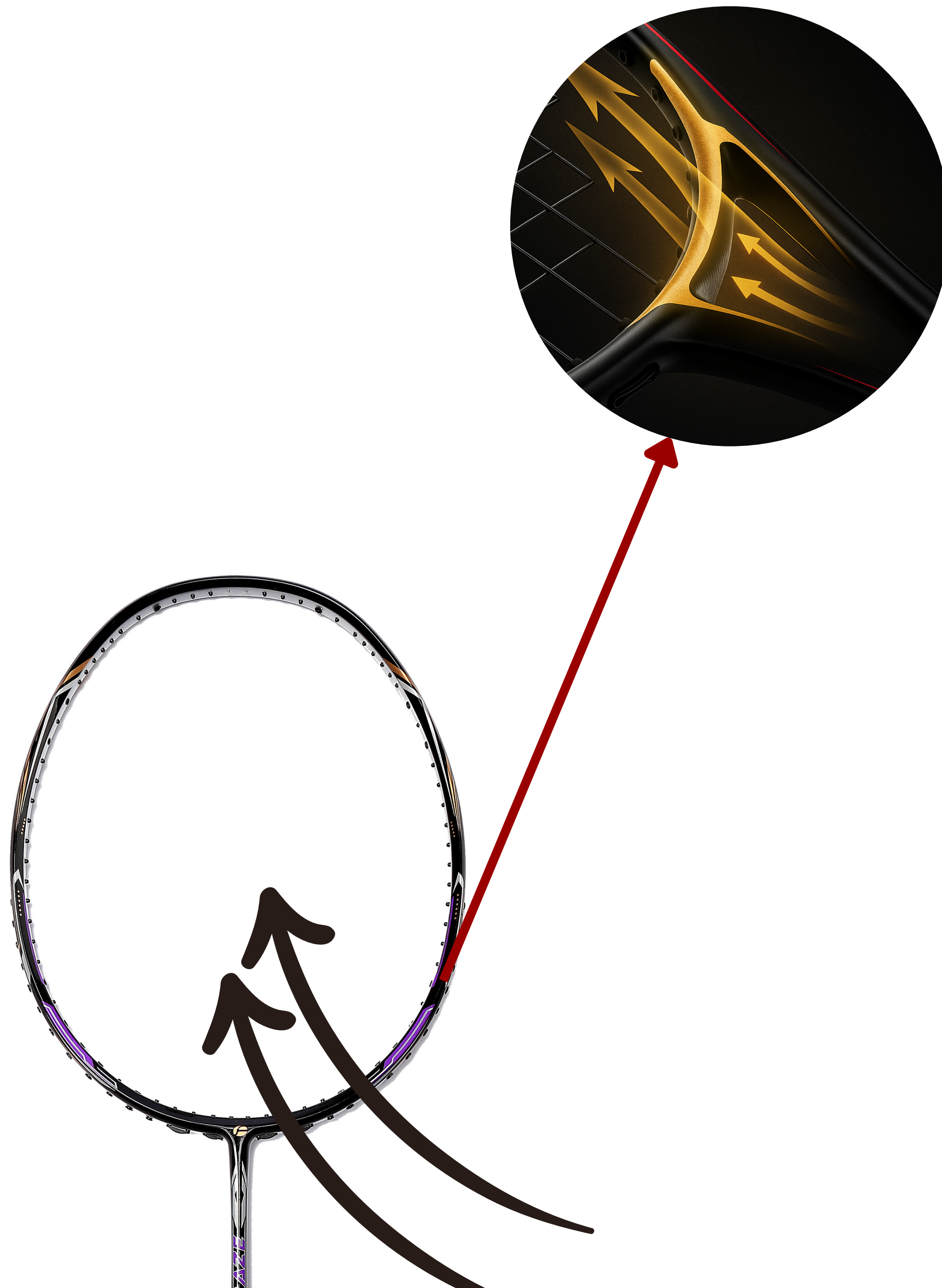


Square Racket Head

Square Racket Head Technology (also known as isometric head shape) modifies the frame from the traditional oval into a squarer design. This change expands the effective hitting zone (sweet spot), making shots more forgiving and consistent

Benefits

- **Bigger Sweet Spot** – Easier to generate powerful, accurate shots, even off-center.
- **Improved Control** – Uniform response across more strings.
- **Player-Friendly** – Supports beginners, intermediate, and pro players with extra forgiveness.
- **Power Efficiency** – Less effort needed to produce the same shuttle speed.

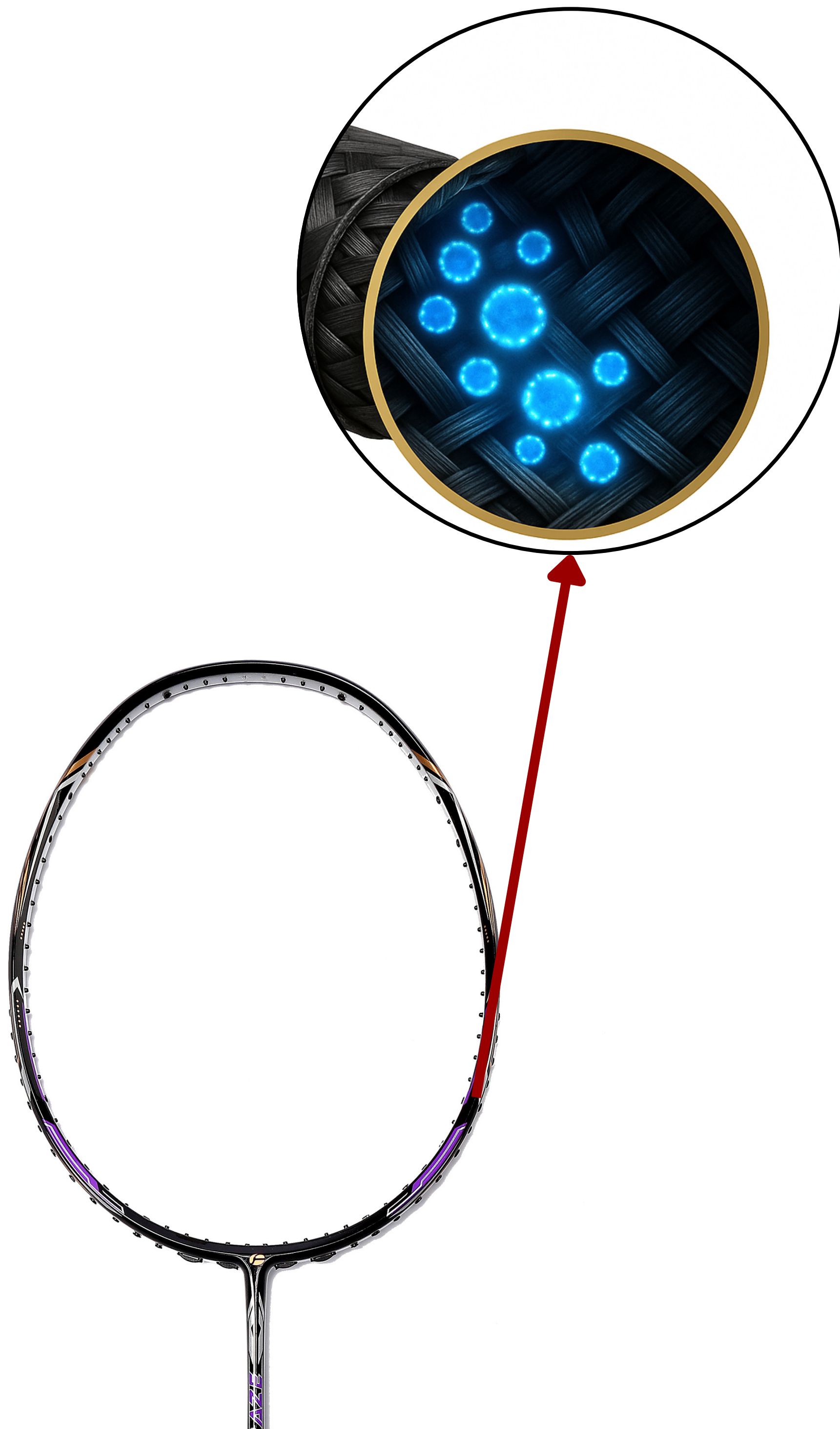


Breakthrough Structure

These structural breakthroughs enhance aerodynamics, stability, and energy transfer, making the racquet both faster and more powerful.

Benefits:

- **Faster Swing Speed** – Open grooves reduce drag, allowing the racquet to cut through the air effortlessly.
- **Explosive Power** – Concentrated frame reinforcement directs more energy into the shuttle.
- **Stability & Control** – Prevents frame twisting, ensuring accurate shot placement.
- **Durability** – Strengthened frame design resists high string tensions and repeated impact.



Nano technology

Nano Technology enhances racquet performance by integrating **nanometer-scale materials** into the carbon fiber matrix. These nano-particles or nano-tubes reinforce the racquet structure at the molecular level, making it **lighter, stronger, and more durable** without adding extra bulk

Functionality:

- **Nano Reinforcement** – Nano-sized particles fill gaps between carbon fibers, increasing bond strength.
- **Improved Flex & Repulsion** – The nano matrix gives better shuttle rebound and explosive power.
- **Stability & Control** – Reduced frame vibration provides smoother handling and precision.
- **Durability** – Prevents micro-cracks, extending racquet lifespan even under high string tension.

Benefits:

- **Strength & Durability** – Reinforces the frame against repeated impact.
- **Explosive Power** – Increases shuttle repulsion for faster, sharper smashes.
- **Accuracy** – Stabilizes the racquet for cleaner shot placement.
- **Lightweight Performance** – Keeps the racquet easy to maneuver while improving stability.